

S U C T I O N

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TECNICA

EN

**TECNICA**<sup>TM</sup>  
**TUBI FLESSIBILI**

EN

**TECNICA<sup>TM</sup>**  
**TUBI FLESSIBILI**

TECNICA srl  
is a company certified  
UNI EN 9001:2015  
Issued by TÜV ITALIA.  
Certificate number 50100 15241



# TECNICA™

## TUBI FLESSIBILI

From over 30 years TECNICA™ manufactures range of flexible pipes and hoses for air treatment and suction for industrial environment. **Suction of dusts, scraps, welding fumes, gases including oily, in condition of room, medium and high temperatures.** The constant evolution of our products, as a result of our continuous Research and Development conducted on materials, technologies and production techniques, together with a growing logistic efficiency, makes TECNICA™ an important partner for the organizations looking for **high quality products, service, support and technical assistance.** The **SUCTION** catalog collects all our production of flexible hoses and highlights their technical peculiarities (**flame retardant, microorganism resistance, food compatibility, non-magnetic, etc..**) their possible range of applications, **the certifications and their contribution to the credits of the main world sustainability ratings in construction: LEED®, WELL™ and BREEAM®.**

Welcome to TECNICA™ - Flexible Hoses

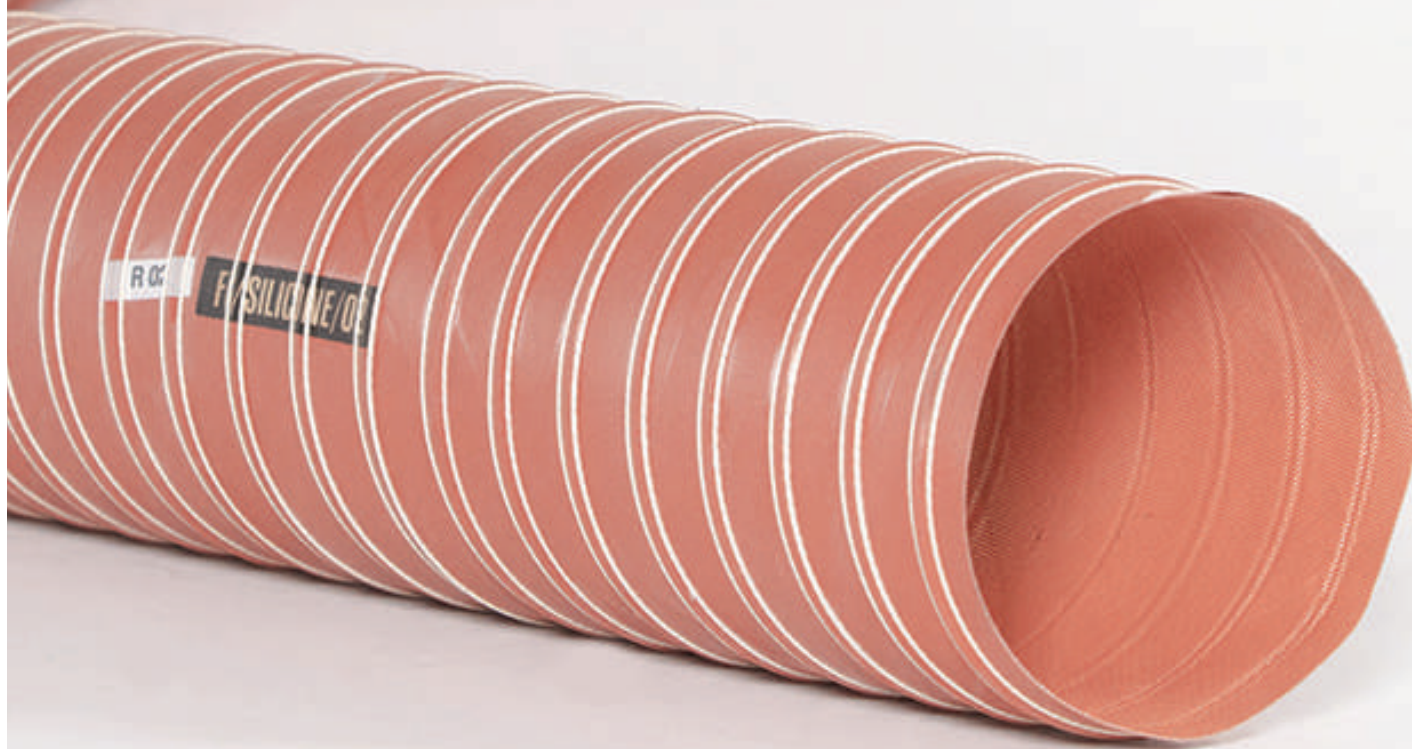


BREEAM®

Products contributing to the credits of the main world sustainability ratings in the building industry.



# Certifications classificati



Railways vehicles



Motor vehicles fumes suction



Pressing processes



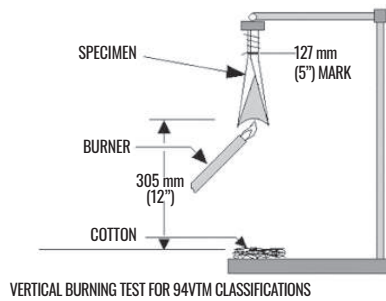
Ship building



Welding fumes suction

# and ions

by **TECNICA™**



The TECNICA™ production of **flexible hoses** is a result of continuous Research and Development on **materials, technologies and production techniques highly innovative.**

The used raw materials are designed to satisfy multiples application requirements from conventional **rail vehicles** to the **magnetic levitation one**, from the **automotive** sector to the **glass industry**, to the **machines for industrial extraction of fumes, metals, wood, stone chips, food and plastics.** Our flexible hoses, further to respect the main **abrasion** and **hydrolysis characteristics**, comply with the **main international standards of fire reaction** and are **in compliance** with the requirements of the European Regulation (EC) 1907/2006 related to registration, evaluation, authorization and restriction of chemicals (**REACH**) and the limitation of harmful substances according to

the European Directive 2002/95/ EC (RoHS).

FDA Regulation

Class 1  
(D.M.26/06/1984)

Class 1  
(D.M. 03/01/2001)

UL94 classe VTM-0

Class M1 (NF P92 503)

UL94 classe V-0

Class M1 (UNE 23723-90)

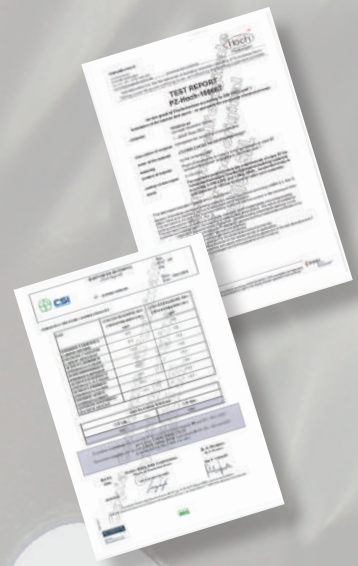
ISO 19702

UNI CEI 11170-3:2005

ISO 5659-2

EN 45545-2:2013

DIN 5510-2



Metals suction

Suction of quarry materials

Wood suction

Food products



# Customer service

by **TECNICA™**





TECNICA™ 's approach towards its customers is to ensure assistance in finding the most suitable **technical solutions** to meet **specific needs** and in the production choices that permit to **create highly customized products**.

The **raw material** of our flexible hoses can be blended with particular **anti-bacterial, antistatic, flame retardant** additives in order to satisfy the widest request for solutions.

TECNICA™ is able to satisfy also particular flexible hoses sizing needs (**diameters, lengths, spiral pitch, wire etc.**) and the packaging can be customized in order to solve both warehouses and constructions sites necessities. **We reduced of the 30% the plastic employment in our packaging materials and we utilize cardboard certified FSC** (Forest Stewardship Council);

The TECNICA™ flexible hoses contributes to obtain the **credits in buildings, according to the main world sustainability ratings in construction: LEED®, WELL™ e BREEAM®**.

**LR**

Production options:

Copper plated steel wire helix

**LZ**

Galvanized-plated steel wire

**AL**

Food grade

**AB**

Antibacterial

**AM**

A-magnetic steel wire helix

**MP**

Customized hose marking

**AS**

Antistatic

**EL**

Conductive ether

**FR**

Flame Retardant

**CC**

Covering color

**CT**

Translucid color







# Green building contribution

by **TECNICA™**

**TECNICA™** has focused on **sustainability** as a strategic lever of the company policy, promoting **product innovation** (materials, technologies and production techniques) and the **development of concrete actions**. We have evolved our approach to **resources**, increased the **circularity of the products** life cycle, developed new potentials, promoted awareness of concepts such as sustainability and transparency, and implemented actions for the specific **positioning of our products with respect to the main international sustainability ratings in construction: LEED®, WELL™ e BREEAM®**.



FRIENDLY  
CHEMISTRY



SUSTAINABILITY



RECYCLABILITY



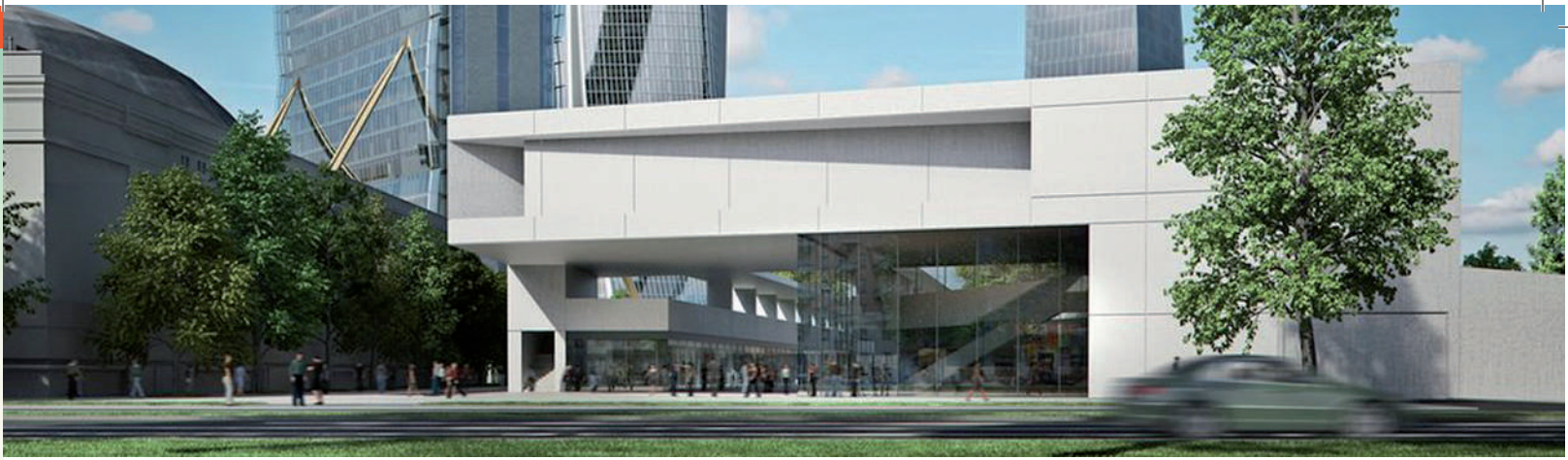
SANITATION



NON-TOXIC



ENERGY  
EFFICIENCY



We have verified the contribution of our products and services to the LEED™, WELL™ and BREEAM® protocols, adopting the language of architects, designers, builders, investors and buyers, positioning our products according to the selection criteria adopted for the “final product” of the supply chain: the buildings.



### LEED® (Leadership in Energy and Environmental Design)

It is a building assessment protocol that involves the entire life cycle of the building itself, from design to construction. Promotes a sustainability-oriented approach, recognizing the performance of buildings in key sectors, such as energy, water savings, reduction of CO<sub>2</sub> emissions, improvement of the ecological quality of the interiors, materials and resources used, the project and the choice of the site. Developed by the U.S. Green Building Council (USGBC), the system is based on the attribution of “credits” for each requirement.



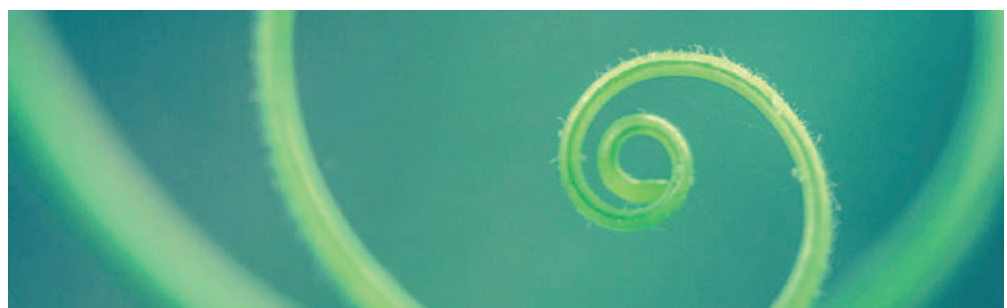
### WELL™

It is a building assessment protocol that focuses on the health and mental well-being of those who occupy a given built space. Considering the amount of time spent in closed environments, about 90% of a day, the WELL™ certification can be applied to all construction sectors and to all uses of buildings (residential, school, hospital, etc. ..) but finds its maximum expression especially in workplaces (offices, industries) in which the achievement of a serenity condition can have positive implications also on the productivity of the whole company.

## BREEAM®

### BREEAM® (Building Research Establishment Environmental Assessment Method)

It is a building assessment protocol, established in the UK, which focuses on the environmental performance of buildings. BREEAM® is based on recognized assessment methods set according to pre-established reference parameters in order to verify the design process and the construction and use of the buildings. The criteria concern different categories, from resource management to ecology, and include aspects related to the use of energy and water, the internal environment (health and well-being), pollution, transport, materials, waste, ecology and management processes.







# TECNICA™

## Efficient Indoor Air Project

TECNICA™ is the first manufacturer of flexible hoses, diffusers and filters for air conditioning and ventilation to have carried out the verification of its products and highlighted their contribution to the certified sustainability credits according to the LEED®, WELL™ and BREEM® protocols. TECNICA™ policy for sustainability involves the entire economic supply-chain and contributes to the realization of products according to a **conscious use of primary resources**, promoting their circularity and guiding all interested users in the construction supply chain to enhance the adoption of certified sustainability in construction processes using products that concretely contribute to it.



COMPLIANCE WITH THE PREREQUISITES AND CREDITS OF THE FOLLOWING BUILDING SUSTAINABILITY RATING SYSTEMS.

PRODUCT	PG.			BREEAM®
AC	22	MR	MATERIALS	
M30	24	MR	MATERIALS	HEA
M30 HTR	26	MR	MATERIALS	
M90/P	28	MR	MATERIALS	HEA
M90/P HTR	30	MR	MATERIALS	
M90/P-AS	32	MR	MATERIALS	HEA
M90-FV	34	MR	MATERIALS	
L94	36	MR	MATERIALS	HEA
L94-AS	38	MR	MATERIALS	HEA
P70	40	MR	MATERIALS	
P70-OIL	42	MR	MATERIALS	
P404PU-LR - ester	44	MR	MATERIALS	
P404PU-LR - ether	46	MR	MATERIALS	
P405PU-LR - ester	48	MR	MATERIALS	
P405PU-LR - ether	50	MR	MATERIALS	
P406PU-LR - ester	52	MR	MATERIALS	
P406PU-LR - ether	54	MR	MATERIALS	
P407PU-LR - ester	56	MR	MATERIALS	
P407PU-LR - ether	58	MR	MATERIALS	
P60PU-LR - ester	60	MR	MATERIALS	
P60PU-LR - ether	62	MR	MATERIALS	
P70PU - ester	64	MR	MATERIALS	
P70PU - ether	66	MR	MATERIALS	
P80PU - ester	68	MR	MATERIALS	
P80PU - ether	70	MR	MATERIALS	
P100PU - ester	72	MR	MATERIALS	
P100PU - ether	74	MR	MATERIALS	
P150PU - ester	76	MR	MATERIALS	
P150PU - ether	78	MR	MATERIALS	
P180PU - ester	80	MR	MATERIALS	
P180PU - ether	82	MR	MATERIALS	
SMPU - ester	84	MR	MATERIALS	
SMPU - ether	87	MR	MATERIALS	
EDU45	90	MR	MATERIALS	HEA
S90	92	MR	MATERIALS	HEA
S98	94	MR	MATERIALS	HEA
M12HT	96	MR	MATERIALS	HEA
EX1 GAS AUTO	98	MR	MATERIALS	
PVC-FLEX	100	MR	MATERIALS	
PLASTIROLL type A	102	MR	MATERIALS	
PLASTIROLL type C	104	MR	MATERIALS	
P8	106	MR	MATERIALS	
P8S	108	MR	MATERIALS	
P8 PLUS	110	MR	MATERIALS	
P8 ISO	112	MR	MATERIALS	
P8S ISO	114	MR	MATERIALS	
P8 FR	116	MR	MATERIALS	
P8S FR	118	MR	MATERIALS	
P8 PES	120	MR	MATERIALS	
P8S PES	122	MR	MATERIALS	
P4	124	MR	MATERIALS	
P4S	126	MR	MATERIALS	
P4 ISO	128	MR	MATERIALS	
P4S ISO	130	MR	MATERIALS	
P4 FR	132	MR	MATERIALS	
P4S FR	134	MR	MATERIALS	
P4 PES	136	MR	MATERIALS	
P4S PES	138	MR	MATERIALS	
P16S VITON	140	MR	MATERIALS	HEA
TERMOCLIP CSM	142	MR	MATERIALS	HEA
TERMOCLIP FKM	144	MR	MATERIALS	HEA
TERMOCLIP PTFE	146	MR	MATERIALS	
TERMOCLIP SILICON	148	MR	MATERIALS	
TERMOCLIP HT450	150	MR	MATERIALS	
TERMOCLIP HT650	152	MR	MATERIALS	



# TECNICA<sup>TM</sup>

## Efficient Indoor Air Project

**TECNICA** srl designs, produces and trades the items listed in this catalog by applying the highest quality standards.

The performances of the products depends on a correct and adequate choice and use.

**TECNICA** srl declines any responsibility for the improper use of the products and is not responsible for any damage that may result from incorrect use, malfunction, or product damage or incorrect interpretation of the information here given.

The warranty offered is limited to the possible replacement of the supplied material which should be found defective at the discretion of the general management, see also the supply conditions listed in this general catalog.

**TECNICA** srl reserves the right to modify the characteristics of the products listed in this catalog without prior notice. All or part of the documentation reported in this catalog cannot be reproduced, transcribed or translated without written authorization from TECNICA srl as required by law.

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# SUBSTANCES AND PLASTIC MATERIALS

LEGEND OF ABBREVIATIONS	
PVC	= POLYVINYL CHLORIDE
HY	= HYTREL (polyester Elastomer)
EVA	= ETHYLENE VINYL ACETATE
PU	= POLYURETHANE (Ether / Ester)
CR	= CHLOROPRENE RUBBER (Neoprene)
SI	= SILICONE RUBBER
PA6	= POLYAMIDE 6
TPK	= THERMOPLASTIC RUBBER (SANTOPRENE)
FPM	= VITON
CSM	= HYPALON (Chlorosulfonated polyethylene)

A	= Resistant
B	= Poorly Resistant
C	= Not Resistant
-	= Not Analysed

## WARNING:

- The data contained in this document is based on the current knowledge and experience of Tecnica™.
- Because of the numerous influences during the use of Tecnica™'s products, users are obliged to conduct their own tests and experiments.
- Data provided in this document is purely approximate and therefore not binding nor does it legally guarantee certain characteristics or suitability for practical uses.

	PVC	HY	EVA	PU	CR	SI	PA	TPK	FPM	CSM
<b>A</b>										
Acetaldehyde	-	-	B	C	C	C	B	A	C	-
Acetic acid, 20%	C	A	A	C	A	A	C	A	C	A
Acetic acid, 30%	C	A	A	C	A	A	C	A	C	A
Acetic acid, glacial acetic acid	C	A	A	C	C	A	C	B	C	A
Acetic anhydride	C	B	C	C	A	C	-	B	C	A
Acetone	C	B	C	C	B	B	A	A	C	B
Acetylene	-	A	-	B	B	-	-	A	A	A
Aluminium chloride solutions	-	B	A	-	A	B	A	A	A	A
Aluminium sulfate solutions	A	B	A	A	A	A	A	A	A	A
Ammonium chloride solutions	-	A	-	C	A	-	-	A	A	A
Ammonium hydroxide solutions	-	B	-	-	A	-	-	A	A	A
Ammonium sulfate solutions	A	A	-	-	A	A	-	A	A	A
Amyl acetate	-	B	B	C	C	C	-	A	C	C
Amyl alcohol	C	A	-	C	A	C	-	A	A	A
Anhydrous ammonia	A	-	-	C	A	A	-	B	C	B
Anhydrous hydrofluoric acid	-	C	-	C	B	-	C	C	A	A
Aniline	C	C	B	C	C	-	B	B	A	B
Asphalt	A	B	-	C	B	C	-	C	A	B
ASTM oil n. 1	-	A	-	A	A	B	-	C	A	A
ASTM oil n. 3	-	A	-	B	A	C	-	C	A	B
ASTM reference fuel A	-	A	-	A	A	-	-	C	A	A
ASTM reference fuel B	-	A	-	C	C	-	-	C	A	C
ASTM reference fuel C	-	A	-	C	C	-	-	C	A	C
<b>B</b>										
Barium hydroxide solutions	-	B	-	C	A	A	-	A	A	A
Beer	-	A	-	A	A	A	-	A	A	A
Benzaldehyde	C	-	C	C	C	C	C	B	C	C
Benzene	C	B	C	C	C	C	A	C	B	C
Benzene chloride	-	-	-	-	C	-	-	C	B	C
Borax solutions	A	A	-	C	A	-	-	A	A	A
Boric acid solutions	A	A	-	C	A	A	B	A	A	A
Butane	C	A	-	A	A	-	-	B	A	A
Butyl acetate	C	B	B	C	C	C	A	C	C	C
Butyraldehyde	-	-	-	C	B	-	-	B	C	B
Butyric acid	-	B	-	-	C	-	-	C	B	B
<b>C</b>										
Calcium bisulfite solutions	-	-	-	A	A	A	-	B	A	A
Calcium chloride solutions	A	A	-	C	A	A	A	A	A	A
Calcium hydroxide solutions	-	B	-	C	A	A	-	A	A	A
Calcium hypochlorite, 5%	-	A	A	C	B	B	-	A	A	A
Calcium hypochlorite, 20%	-	-	A	C	B	B	-	A	A	A
Carbon dioxide (carbon anhydride)	-	A	A	B	A	A	-	B	A	A
Carbon monoxide	-	A	-	-	A	A	-	C	B	A

	PVC	HY	EVA	PU	CR	SI	PA	TPK	FPM	CSM
Carbon tetrachloride	C	B	C	C	C	C	A	C	A	C
Castor oil	-	B	-	-	A	A	-	B	A	A
Chloroacetic acid	-	C	A	C	A	C	-	A	C	A
Chlorobenzene	C	C	C	B	C	C	A	C	A	C
Chloroform	C	C	C	C	C	C	C	C	A	C
Chlorosulfonic acid	C	C	C	C	C	-	-	C	C	C
Chromic acid, 10-50%	-	C	B	C	C	C	B	C	A	A
Citric acid solutions	A	A	-	C	A	A	-	A	A	A
Corrosive solution (20% nitric acid, 4% hydrofluoric acid)	-	C	-	-	C	-	-	C	A	A
Corrosive solution (17% nitric acid, 4% hydrofluoric acid)	-	C	-	-	C	-	-	C	A	A
Cotton seed oil	-	A	-	A	A	A	-	A	A	A
Creosote oil	-	-	-	-	C	-	-	C	A	C
Cupric chloride solutions	-	A	-	A	A	A	-	A	A	A
Cupric sulfate solutions	-	A	-	C	A	A	B	A	A	A
Cyclohexane	C	A	B	A	C	C	-	C	A	C
D										
Dibutyl phthalate	-	A	B	A	C	-	A	A	B	C
Diethyl ether	-	-	-	C	C	-	A	C	C	-
Diethyl sebacate	-	A	-	C	C	-	-	B	B	B
Diluted potassium hydroxide solutions	-	-	A	-	-	A	-	-	A	A
Diocetyl phthalate	-	A	-	C	C	C	A	B	B	C
Dowtherm	-	-	-	C	B	-	-	C	A	B
Dry chlorine gas	C	C	-	B	B	-	C	C	A	B
E										
Epichlorohydrin	-	C	-	C	-	-	-	B	C	B
Ethanol	-	A	A	B	A	A	A	A	A	A
Ethyl acetate	C	B	B	C	C	B	A	A	C	B
Ethyl chloride	-	C	-	B	C	C	-	B	A	C
Ethyl glycol	-	A	A	-	A	A	-	A	A	A
Ethylene chloride	C	C	-	C	B	B	-	B	A	C
Ethylene oxide	-	A	-	-	C	-	-	C	C	C
Exxon 2380 turbo oil (lubricant)	-	B	-	-	-	-	-	C	A	-
F										
Fluosilicic acid	-	B	-	C	A	C	-	B	B	A
Formaldehyde, 40%	C	B	A	C	A	-	A	A	A	A
Formic acid	-	B	A	C	A	B	C	A	B	A
Freon 11	-	A	B	-	A	C	-	C	A	A
Freon 12	-	A	B	-	A	C	A	B	A	A
Freon 22	-	-	B	-	A	C	-	C	C	A
Freon 113	-	A	B	-	A	-	-	C	A	A
Freon 114	-	A	B	-	A	-	-	C	B	A
Fuming nitric acid	-	C	-	C	C	C	C	C	B	C
Fuming sulfuric acid (20% oleum)	C	C	C	C	C	C	C	C	A	B
Furan	-	-	C	C	B	-	B	B	C	B
Fyrquel 220 (hydraulic fluid)	-	B	-	-	-	-	-	-	A	-

	PVC	HY	EVA	PU	CR	SI	PA	TPK	FPM	CSM
<b>G</b>										
Gaseous sulfur dioxide	A	B	-	C	A	A	-	A	B	A
Gasoline	C	A	B	A	B	C	A	B	A	B
Glue	-	A	-	A	A	-	-	A	A	A
Glycerine, 90%	A	A	A	C	A	A	A	A	A	A
<b>H</b>										
Hydrazine (diamide)	-	C	-	-	-	C	-	A	C	-
Hydrochloric acid, 20%	B	B	A	C	A	B	C	B	A	A
Hydrochloric acid, 37%	B	C	A	C	A	B	C	A	A	A
Hydrocyanic acid	-	B	-	-	A	-	-	A	A	A
Hydrofluoric acid, 48%	-	C	A	C	A	-	C	B	A	A
Hydrofluoric acid, 75%	-	C	A	C	B	-	C	C	B	A
Hydrogen	-	A	-	C	A	A	-	A	A	A
Hydrogen peroxide, 90%	-	-	A	C	B	-	C	B	A	A
Hydrogen sulfide	-	A	A	B	A	-	A	A	B	A
<b>I</b>										
Iron chloride solutions	A	B	-	-	A	A	A	A	A	A
Isooctane	C	A	B	B	A	C	-	C	A	A
Isopropyl alcohol	C	A	A	C	A	A	A	B	A	A
Isopropyl ether	-	-	B	C	C	-	-	C	C	B
<b>J</b>										
Jp-4 (fuel turbo jets)	-	A	-	-	C	-	-	C	A	A
Jp-5	-	-	-	-	C	-	-	C	A	C
Jp-6	-	-	-	-	C	-	-	C	A	C
<b>K</b>										
Kerosine	-	B	-	A	C	C	-	C	A	B
<b>L</b>										
Lactic acid	C	B	A	A	A	A	B	A	A	A
Liquid sulfur dioxide	A	B	-	C	A	-	-	A	B	A
Liquid anhydrous bromine	C	C	C	C	C	C	-	C	B	B
Linseed oil	-	B	B	B	A	-	-	B	A	A
Lubricating oils	-	A	-	-	B	C	-	C	A	B
<b>M</b>										
Magnesium chloride solutions	B	B	-	C	A	A	A	A	A	A
Magnesium hydroxide solutions	-	B	-	-	A	-	-	A	A	A
Mercuric chloride solutions	-	B	-	B	A	A	C	A	A	A
Mercury	A	A	A	A	A	A	A	A	A	A
Methyl alcohol	C	A	A	C	A	A	A	A	B	A
Methyl ethyl ketone	C	A	C	C	C	-	A	A	C	C
Methylene chloride	C	C	C	C	C	-	B	B	B	C
Mineral oil	C	A	-	B	A	A	A	C	A	A
Mobil XRM 206	-	B	-	-	-	-	-	-	A	-
<b>N</b>										
N-hexane	C	A	B	A	A	C	A	C	A	A
Naphtha	C	A	B	C	C	C	-	C	A	C



	PVC	HY	EVA	PU	CR	SI	PA	TPK	FPM	CSM
Naphthalene	C	B	B	C	C	C	-	C	A	C
Nitric acid, 10%	-	B	A	C	B	B	C	B	A	A
Nitric acid, 30%	-	C	A	C	C	B	C	B	A	A
Nitric acid, 60%	-	C	B	C	C	C	C	C	A	B
Nitric acid, 70%	-	C	C	C	C	C	C	C	A	C
Nitrobenzene	C	C	C	C	C	C	-	A	B	C
O										
Oleic acid	-	A	-	-	B	-	-	B	B	B
Oleum, 20-25%	C	C	C	C	C	C	C	C	A	B
P										
Pain solvents	-	B	-	-	C	-	-	C	C	C
Palmitic acid	-	A	-	B	B	-	-	B	A	B
Phenol	C	C	B	C	C	C	C	B	A	C
Phosphoric acid, 20%	A	-	A	C	A	-	C	A	A	A
Phosphoric acid, 60%	A	C	A	C	A	C	C	A	A	A
Phosphoric acid, 70%	B	C	A	C	A	C	C	A	A	A
Phosphoric acid, 85%	B	C	A	C	A	C	C	A	A	A
Picric acid	-	B	-	B	A	C	-	B	A	A
Potassium dichromate solutions	A	B	-	C	A	C	-	A	A	A
Pydraul 312	-	A	-	C	C	-	-	C	A	C
Pyridine	C	C	A	C	C	C	A	B	C	C
Q										
QFI 2023 (silicone brake fluid)	C	C	A	C	C	C	A	B	C	C
S										
SAE oil n. 10	-	A	-	-	C	-	-	C	A	C
Seawater	A	A	A	-	A	-	A	A	A	A
Shell turbine oil 307	-	B	-	-	B	-	-	C	B	B
Silicon grease/oil	-	A	A	A	A	C	-	A	A	A
Skydroll 500	-	A	-	C	C	B	-	A	C	C
Skylube 450	-	-	-	-	-	-	-	-	C	-
Soapy solutions	A	A	-	A	A	A	A	A	A	A
Sodium chloride solutions	-	A	-	C	A	A	A	A	A	A
Sodium dichromate, 20%	C	B	-	-	B	-	-	A	A	A
Sodium hydroxide, 20%	-	A	-	-	A	B	-	A	A	A
Sodium hydroxide, 46,5%	-	B	-	-	A	B	-	A	A	A
Sodium hydroxide, 50%	-	-	-	-	A	B	-	A	C	A
Sodium hydroxide, 73%	-	A	-	-	A	B	-	A	C	A
Sodium hypochlorite, 5%	A	A	A	C	A	B	-	A	A	A
Sodium hypochlorite, 20%	B	B	A	C	B	B	-	A	B	A
Sodium peroxide solutions	-	A	-	-	A	C	-	A	A	A
Soya seed oil	C	B	-	-	A	A	-	C	A	A
Stannic chloride	A	-	-	C	B	-	-	-	A	B
Stannic chloride, 15%	A	B	-	C	A	-	-	B	A	A
Steam (cf. water)	-	B	-	C	A	C	-	A	B	A
Stearic acid	A	B	A	A	B	A	-	B	B	B

	PVC	HY	EVA	PU	CR	SI	PA	TPK	FPM	CSM
Styrene	C	C	B	C	C	C	A	C	A	C
Sulfur, bulk	A	B	-	B	A	A	-	A	A	A
Sulfur trioxide	-	C	-	C	C	B	-	B	B	C
Sulfuric acid, up to 5%	A	A	A	C	A	A	C	A	A	A
Sulfuric acid, 5-10%	A	B	A	C	A	A	C	A	A	A
Sulfuric acid, 10-50%	B	C	A	C	A	-	C	B	A	A
Sulfuric acid, 50-80%	C	C	A	C	B	-	C	C	A	A
Sulfuric acid, 60%	C	C	A	C	B	-	C	C	A	A
Sulfuric acid, 90%	C	C	C	C	C	-	C	C	A	A
Sulfuric acid, 95%	C	C	C	C	C	-	C	C	A	A
Sulfurous acid	-	B	-	-	C	C	-	C	C	A
Sunoco XS 820 (PE lubricant)	-	B	-	-	-	-	-	C	A	-
T										
Tannic acid, 10%	-	A	-	A	A	B	-	A	A	A
Tartaric acid	-	B	-	-	A	A	-	B	A	A
Tetrachloroethylene	C	C	-	C	C	B	-	C	A	C
Tetrahydrofuran	C	-	C	C	C	C	A	C	C	C
Tributyl phosphate	-	-	-	-	C	-	-	C	C	C
Trichloroethylene	C	C	C	C	C	B	B	C	A	C
Tricresyl phosphate	-	-	-	B	C	C	-	A	A	C
Triethanolamine	C	C	B	C	A	-	-	A	C	A
Trisodium phosphate solutions	-	A	-	B	A	A	-	A	A	A
Toluene	C	B	C	C	C	C	A	C	B	C
Turpentine	C	-	-	C	C	C	-	C	A	C
W										
Water	A	A	A	C	A	A	A	A	A	A
Wet chlorine gas	C	C	C	C	C	-	C	C	B	B
Wood oil	-	B	-	-	A	-	-	C	A	A
X										
Xylene	C	A	C	C	C	C	A	C	A	C
Z										
Zinc chloride solutions	A	A	-	C	A	-	B	A	A	A



# AC

Light flexible hose made of polyester fabric coated with additivated polyolefin resins and steel wire helix.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	WORKING TEMPERATURE	CURVATURE RADIUS	AIR SPEED	PRESSURE
Grey	10 m standard	from 80 to 610 mm	Class 1 (D.M. 26/06/84)	-20°C +90°C (peak +110°C)	0,6 x ø	max 32 m/sec	max 250 mm H <sub>2</sub> O

## PRODUCTION DIAMETERS

80	89	102	110	121	127	140*	152	160	180	203	228*	254	279*	305	318	356	406	457	508	559*	610*
----	----	-----	-----	-----	-----	------	-----	-----	-----	-----	------	-----	------	-----	-----	-----	-----	-----	-----	------	------

\*Diameters available on request. Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

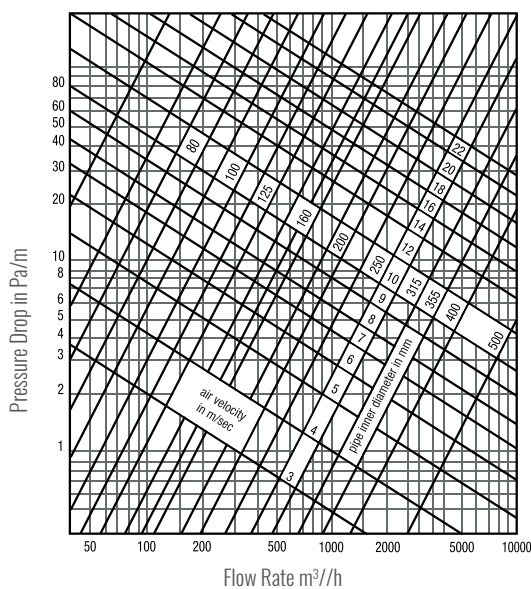
Light suction of fumes, gases and vapours. Civil and naval ventilation and aeration.

## MAINTENANCE

Periodically check the critical points of the system (curves, junctions, fastening points...) to ensure its correct operation.

## PRESSURE DROPS DIAGRAM

(Air Temperature 20°C)



## PRESSURE DROPS TABLE WITH CALCULATION EXAMPLES

To calculate the flow rates and pressure drops of the other diameters, use the beside diagram.

DIAMETERS [mm]	AIR SPEED - 8 m/s		AIR SPEED -10 m/s	
	FLOW RATE [m <sup>3</sup> /h]	PRESSURE DROP [Pa/m]	FLOW RATE [m <sup>3</sup> /h]	PRESSURE DROP [Pa/m]
80	152	19	190	31
102	250	15	333	24
127	383	12	368	18
160	575	8	773	14
203	900	7	1151	11
254	1445	5	1843	8
318	2278	4	3105	6
356	3058	3	3850	5
406	3845	3	4590	4
508	5111	2	8223	3

## GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



### LEED

Contributes to credits:  
MR

### WELL

Contributes to credits:  
MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

Residential	Flexibility	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	Anti UV*	Certified REACH	Certified RoHS
<b>HF</b>								
Halogen free	Compact version*	Industry	Building	Non-magnetic*	Temporary air conditioning			*on request



# M30

Flexible hose made of reinforced polyamide fabric, PVC-coated on both sides and embedded steel wire helix.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Grey	10 m. standard (up to 20 m on request)	from 40 to 406 mm	Class 1 (D.M. 26/06/84 and D.M. 03/09/01)	-20°C +90°C (peak +110°C)	0,5 x $\varnothing$	8:1

## PRODUCTION DIAMETERS

40*	51	60	63	70	76	80	82	90	102	110	120	127
130	140	152	160	180	203	228	254	279	305	356	406	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of fumes, gases and vapours. Civil and naval ventilation and aeration.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
51	0,70	0,18	25	125
60	0,70	0,15	30	150
70	0,60	0,13	35	170
80	0,50	0,09	40	200
102	0,40	0,08	50	260
120	0,40	0,07	60	300

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
130	0,30	0,07	65	330
152	0,20	0,05	75	400
160	0,15	0,05	80	430
180	0,15	0,05	90	570
203	0,15	0,04	100	640
254	0,08	0,03	125	780
305	0,05	0,02	150	940
356	0,04	0,01	175	1090
406	0,03	0,01	200	1250

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



BREEAM®

LEED	WELL	BREEAM
Contributes to credits: MR	Contributes to credits: MATERIALS	Contributes to credits: HEA
For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.		

## APPLICATIONS

OEM	Flexibility	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	Certified REACH	Certified RoHS	Halogen free
Compact version*	Industry	Building	Non-magnetic*	Extractor Hoods	Temporary air conditioning			

\*on request



# M30-HTR

Flexible hose made of reinforced polyamide fabric, coated by PVC on both sides, embedded steel wire helix. Resistant to temperatures up to +120°C.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Grey	10 m. standard (up to 20 m on request)	from 40 to 406 mm	UL94, class VTM-0	-20°C +120°C	0,5 x $\varnothing$	8:1

## PRODUCTION DIAMETERS

40*	51	60	63	70	76	80	82	90	102	110	120	127
130	140	152	160	180	203	228	254	279	305	356	406	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of fumes, gases and vapours. Civil and naval ventilation and aeration.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
51	0,70	0,18	25	125
60	0,70	0,15	30	150
70	0,60	0,13	35	170
80	0,50	0,09	40	200
102	0,40	0,08	50	260
120	0,40	0,07	60	300

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
130	0,30	0,07	65	330
152	0,20	0,05	75	400
160	0,15	0,05	80	430
180	0,15	0,05	90	570
203	0,15	0,04	100	640
254	0,08	0,03	125	780
305	0,05	0,02	150	940
356	0,04	0,01	175	1090
406	0,03	0,01	200	1250

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



LEED

Contributes to credits:  
MR



WELL

Contributes to credits:  
MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Flexibility	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	Certified REACH	Certified RoHS	Halogen free
Compact version*	Industry	Building	Non-magnetic*	Extractor Hoods	High Temp. Suction	Temporary air conditioning		*on request





# M90/P

Flexible hose made of polyamide fabric, PVC coated on both sides, embedded steel wire helix. This special execution allows the usage in every suction and ventilation installations, even with moving parts.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Grey (Black on request)	10 m. standard (up to 20 m on request)	from 40 to 800 mm	UL94, class VTM-0 class 1 (D.M. 26/06/84)	-20°C +90°C (peak +120°C)	0,7 x ø	8:1

## PRODUCTION DIAMETERS

40	45*	51	55*	60	63	65*	70	75	80	82	90	100	110	120	125	130	140
150	160	180	200	225*	250	275*	300	315	350	400	450	500	550	600	700	800	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of fumes, gases and vapours. Ventilation and aeration. Naval and civil conditioning.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,90	0,24	25	120
51	0,80	0,20	35	145
60	0,80	0,16	42	170
70	0,70	0,14	49	198
80	0,60	0,10	56	227
100	0,50	0,09	70	285

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,50	0,08	85	342
130	0,40	0,08	92	370
150	0,25	0,06	105	427
160	0,20	0,06	110	527
180	0,20	0,06	130	590
200	0,20	0,05	140	660
250	0,10	0,04	175	825
300	0,06	0,03	210	990
350	0,05	0,02	245	1155
400	0,04	0,01	280	1320
450	0,03	0,01	315	1485
500	0,02	0,01	350	1650
550	0,02	0,01	385	1820
600	0,01	0,01	420	1980

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



BREEAM®

LEED	WELL	BREEAM
Contributes to credits: MR	Contributes to credits: MATERIALS	Contributes to credits: HEA
For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.		

## APPLICATIONS

OEM	Flexibility	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	Certified REACH	Certified RoHS	Halogen free
Compact version*	Industry	Building	Non-magnetic*	Extractor Hoods	Temporary air conditioning			

\*on request



# M90/P-HTR

Flexible hose made of polyamide fabric, PVC coated on both sides, embedded steel wire helix. This special execution allows the usage in every suction and ventilation installations, even with moving parts. Resistant to temperatures up to +120°C.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Grey (Black on request)	10 m. standard (up to 20 m on request)	from 40 to 800 mm	UL94, class VTM-0	-20°C +120°C	0,7 x $\varnothing$	8:1

## PRODUCTION DIAMETERS

40	45*	51	55*	60	63	65*	70	75	80	82	90	100	110	120	125	130	140
150	160	180	200	225*	250	275*	300	315	350	400	450	500	550	600	700	800	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of fumes, gases and vapours. Ventilation and aeration. Naval and civil conditioning.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,90	0,24	25	120
51	0,80	0,20	35	145
60	0,80	0,16	42	170
70	0,70	0,14	49	198
80	0,60	0,10	56	227
100	0,50	0,09	70	285

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,50	0,08	85	342
130	0,40	0,08	92	370
150	0,25	0,06	105	427
160	0,20	0,06	110	527
180	0,20	0,06	130	590
200	0,20	0,05	140	660
250	0,10	0,04	175	825
300	0,06	0,03	210	990
350	0,05	0,02	245	1155
400	0,04	0,01	280	1320
450	0,03	0,01	315	1485
500	0,02	0,01	350	1650
550	0,02	0,01	385	1820
600	0,01	0,01	420	1980

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



BREEAM®

LEED	WELL	BREEAM
Contributes to credits: MR	Contributes to credits: MATERIALS	Contributes to credits: HEA
For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.		

## APPLICATIONS

OEM	Flexibility	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	REACH	RoHS	HF
Compact version*	Industry	Building	Non-magnetic*	Extractor Hoods	High Temp. Suction	Certified REACH	Certified RoHS	Halogen free
								*on request



# M90/P-AS

Flexible hose made of polyamide fabric, antistatic PVC-coated  $R \leq 10^8 \Omega$ , on both sides, embedded steel wire helix. This special execution allows the usage in every suction and ventilation installations, even with moving parts.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	ANTISTATICITY	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Black	10 m. standard (up to 20 m on request)	from 40 to 800 mm	UL94, class VTM-0	$R \leq 10^8 \Omega$	-20°C +90°C (peak +120°C)	0,7 x $\phi$	8:1

## PRODUCTION DIAMETERS

40	45*	51	55*	60	63	65*	70	75	80	82	90	100	110	120	125	130	140
150	160	180	200	225*	250	275*	300	315	350	400	450	500	550	600	700	800	

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of fumes, gases and vapours. Ventilation and aeration. Naval and civil conditioning.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,90	0,24	25	120
51	0,80	0,20	35	145
60	0,80	0,16	42	170
70	0,70	0,14	49	198
80	0,60	0,10	56	227
100	0,50	0,09	70	285

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,50	0,08	85	342
130	0,40	0,08	92	370
150	0,25	0,06	105	427
160	0,20	0,06	110	527
180	0,20	0,06	130	590
200	0,20	0,05	140	660
250	0,10	0,04	175	825
300	0,06	0,03	210	990
350	0,05	0,02	245	1155
400	0,04	0,01	280	1320
450	0,03	0,01	315	1485
500	0,02	0,01	350	1650
550	0,02	0,01	385	1820
600	0,01	0,01	420	1980

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



BREEAM®

LEED	WELL	BREEAM
Contributes to credits: MR	Contributes to credits: MATERIALS	Contributes to credits: HEA
For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.		

## APPLICATIONS

OEM	Flexibility	Easy Pack	Antistatic	Self-extinguishing	Tear resistance	Calibrated diameters*	Certified REACH	Certified RoHS
							*on request	
Halogen free	Compact version*	Industry	Building	Non-magnetic*	Extractor Hoods	Temporary air conditioning		



# M90/FV

Flexible hose made of fibreglass fabric, PVC coated on both sides, embedded steel wire helix. This special execution allows the usage in every suction and ventilation installations, even with moving parts.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Black	10 m. standard (up to 20 m on request)	from 40 to 800 mm	Class M1 (NF P92 503) Class 1 (D.M. 26/06/84 D.M. 03/01/01)	-20°C +90°C (peak +120°C)	0,7 x ø	8:1

## PRODUCTION DIAMETERS

40	45*	51	55*	60	63	65*	70	75	80	82	90	100	110	120	125	130	140
150	160	180	200	225*	250	275*	300	315	350	400	450	500	550	600	700	800	

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of fumes, gases and vapours. Ventilation and aeration. Naval and civil conditioning.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,90	0,24	25	120
51	0,80	0,20	35	145
60	0,80	0,16	42	170
70	0,70	0,14	49	198

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
80	0,60	0,10	56	227
100	0,50	0,09	70	285
120	0,50	0,08	85	342
130	0,40	0,08	92	370
150	0,25	0,06	105	427
160	0,20	0,06	110	527
180	0,20	0,06	130	590
200	0,20	0,05	140	660
250	0,10	0,04	175	825
300	0,06	0,03	210	990
350	0,05	0,02	245	1155
400	0,04	0,01	280	1320
450	0,03	0,01	315	1485
500	0,02	0,01	350	1650
550	0,02	0,01	385	1820
600	0,01	0,01	420	1980

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

								<b>HF</b>
OEM	Flexibility	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	Certified REACH	Certified RoHS	Halogen free
								*on request
Compact version*	Industry	Building	Naval	Non-magnetic*	Extractor Hoods	Temporary air conditioning		





# L94

Flexible hose made of a special polyamide fabric, double PVC-coating with high mechanical strength and embedded steel wire helix.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Blue	10 m. standard (up to 20 m on request)	from 40 to 800 mm	<100 mm DIN 75200	-20°C +90°C (peak +110°C)	0,9 x ø	5:1

## PRODUCTION DIAMETERS

40	45*	50	55*	60	63	65*	70	76	80	82	90	100	110	120	125	130	140
150	160	180	200	225*	250	275*	300	315	350	400	450*	500	550*	600	700	800	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of light dust, fumes, gases, including corrosive.  
Connection to moving parts.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	1,50	0,30	40	317
50	1,20	0,25	50	395
60	1,00	0,20	60	476
70	0,90	0,18	70	512
80	0,80	0,10	80	553
100	0,60	0,08	100	687

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,55	0,07	120	829
130	0,50	0,07	130	894
150	0,30	0,06	150	968
160	0,30	0,06	160	1026
180	0,23	0,05	180	1090
200	0,20	0,04	190	1212
250	0,15	0,03	220	1513
300	0,10	0,02	260	1815
350	0,06	0,02	310	2295
400	0,04	0,01	360	2621
450	0,04	0,01	390	3620
500	0,03	0,01	420	4021
550	0,03	0,01	450	4423
600	0,03	0,01	480	4824

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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LEED	WELL	BREEAM
Contributes to credits: MR	Contributes to credits: MATERIALS	Contributes to credits: HEA
For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.		

## APPLICATIONS

OEM	Flexibility	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	Certified REACH	Certified RoHS	Halogen free
							*on request	
Compact version*	Industry	Building	Naval	Non-magnetic*	Extractor Hoods	Temporary air conditioning		



# L94 Antistatic

Flexible hose made of a special polyamide fabric, double antistatic PVC-coating with high mechanical strength, embedded steel wire helix.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	ANTISTATICITY	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Black	10 m. standard (up to 20 m on request)	from 40 to 800 mm	<100 mm DIN 75200	$R \leq 10^8 \Omega$	-20°C +90°C (peak +110°C)	0,9 x $\varnothing$	5:1

## PRODUCTION DIAMETERS

40	45*	50	55*	60	63	65*	70	76	80	82	90	100	110	120	125	130	140
150	160	180	200	225*	250	275*	300	315	350	400	450*	500	550*	600	700	800	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of light dust, fumes, gases, including corrosive. Suction of textile fibres and paper scraps. Connection to moving parts.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	1,50	0,30	40	317
50	1,20	0,25	50	395
60	1,00	0,20	60	476
70	0,90	0,18	70	512
80	0,80	0,10	80	553
100	0,60	0,08	100	687

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,55	0,07	120	829
130	0,50	0,07	130	894
150	0,30	0,06	150	968
160	0,30	0,06	160	1026
180	0,23	0,05	180	1090
200	0,20	0,04	190	1212
250	0,15	0,03	220	1513
300	0,10	0,02	260	1815
350	0,06	0,02	310	2295
400	0,04	0,01	360	2621
450	0,04	0,01	390	3620
500	0,03	0,01	420	4021
550	0,03	0,01	450	4423
600	0,03	0,01	480	4824

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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BREEAM®

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Contributes to credits: MR	Contributes to credits: MATERIALS	Contributes to credits: HEA
For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.		

## APPLICATIONS

OEM	Flexibility	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	Certified REACH	Certified RoHS	Halogen free
Compact version*	Industry	Building	Non-magnetic*	Extractor Hoods	Temporary air conditioning			

\*on request



# P70

Flexible hose made of a special soft and flame retardant PVC sheet (0,45 mm) and embedded steel wire helix.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Grey (Transparent on request)	10 m. standard (up to 20 m on request, for diameters up to 400 mm. Higher diameters, standard length 5m)	from 40 to 600 mm	-20°C +80°C (peak +100°C)	0,7 x ø	6:1

## PRODUCTION DIAMETERS

40	45*	50	55*	60	65*	70	76	80	90	100	110	120	125	130	140	150
160	180	200	225*	250	275*	300	315	350	400	450	500	550	600			

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of gases and fumes, including oily. Dust collection systems and greenhouse ventilation systems. Floating for phyto-purification. It is possible to produce the hose with a thicker wall.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,40	0,18	28	282
50	0,35	0,15	35	352
60	0,35	0,14	42	424
70	0,30	0,12	49	451

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
80	0,25	0,10	56	490
100	0,20	0,08	70	610
120	0,16	0,07	85	740
130	0,10	0,06	92	800
150	0,08	0,05	105	861
160	0,07	0,05	110	923
180	0,06	0,04	130	985
200	0,05	0,03	135	1081
250	0,04	0,03	170	1350
300	0,03	0,02	200	1628
350	0,02	0,02	230	2076
400	0,01	0,01	275	2372
450	0,01	0,01	300	3340
500	0,01	0,01	330	3710
550	0,01	0,01	360	4080
600	0,01	0,01	390	4450

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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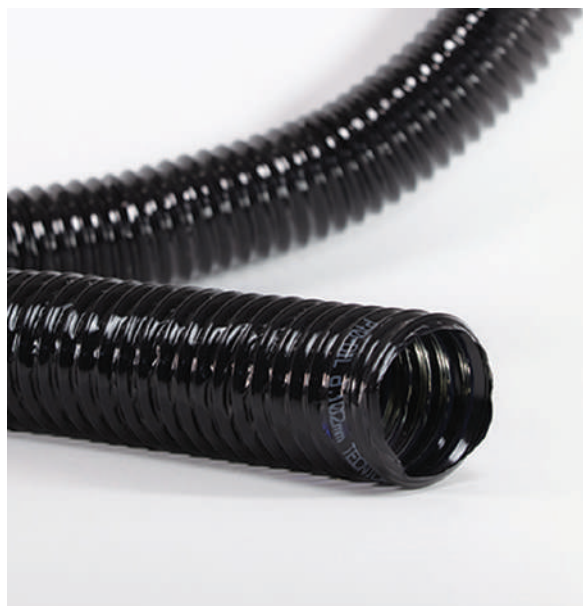
MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Flexibility	Easy Pack	Calibrated diameters*	Certified REACH	Certified RoHS	Halogen free	Compact version*	Industry
Non-magnetic*	Extractor Hoods							

\*on request



# P70-OIL

Flexible hose made of a special PVC compound sheet (0,45mm) soft and elastic. Embedded steel wire helix. Good resistance to oily fumes.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	MARKING	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Dark blue	10 m. standard (up to 20 m on request, for diameters up to 400 mm. Higher diameters, standard length 5m)	from 40 to 600 mm	P70-OIL + Ø	-20°C +80°C (peak +100°C)	0,7 x Ø	6:1

## PRODUCTION DIAMETERS

40	45*	50	55*	60	65*	70	76	80	90	100	110	120	125	130	140
150	160	180	200	225*	250	275*	300	315	350	400	450	500	550	600	

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Thanks to this special formulation the flexible hose is suitable for suction plants even in presence of gases and oily fumes.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,40	0,18	28	282
50	0,35	0,15	35	352
60	0,35	0,14	42	424
70	0,30	0,12	49	451

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
80	0,25	0,10	56	490
100	0,20	0,08	70	610
120	0,16	0,07	85	740
130	0,10	0,06	92	800
150	0,08	0,05	105	861
160	0,07	0,05	110	923
180	0,06	0,04	130	985
200	0,05	0,03	135	1081
250	0,04	0,03	170	1350
300	0,03	0,02	200	1628
350	0,02	0,02	230	2076
400	0,01	0,01	275	2372
450	0,01	0,01	300	3340
500	0,01	0,01	330	3710
550	0,01	0,01	360	4080
600	0,01	0,01	390	4450

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Flexibility	Easy Pack	Oil Resistant	Calibrated diameters*	Certified REACH	Certified RoHS	Halogen free	Compact version*
Industry	Non-magnetic*	Extractor Hoods						

\*on request





## P404/PU-LR Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.35 mm) and embedded copper steel wire helix with large pitch. The main characteristic of this hose is its great flexibility and compressibility. Corrugated inner surface, high resistance to abrasion and break.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 60 to 305 mm	-40°C +90°C (peak +125°C)	8:1

### PRODUCTION DIAMETERS

60	63*	70	76*	80	82*	90	100	102*	110*	120	125	130	140	150	152*
160	170*	180	200	203*	225*	250	275*	300	305*						

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction and delivery of air, fumes, dust, textile fibres, sawdust and light chips.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
60	0,35	0,15	42	255
70	0,35	0,13	55	300
80	0,25	0,10	60	340
100	0,20	0,09	75	410
120	0,18	0,07	90	550
130	0,15	0,06	95	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,05	110	765
160	0,10	0,05	120	815
180	0,08	0,04	130	860
200	0,07	0,04	150	955
250	0,04	0,03	180	1150
300	0,03	0,02	220	1385

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking



## P404/PU-LR Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.35 mm) and embedded copper steel wire helix with large pitch. The main characteristic of this hose is its great flexibility and compressibility. Corrugated inner surface, high resistance to abrasion and break.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 60 to 305 mm	-40°C +90°C (peak +125°C)	8:1

### PRODUCTION DIAMETERS

60	63*	70	76*	80	82*	90	100	102*	110*	120	125	130	140	150	152*
160	170*	180	200	203*	225*	250	275*	300	305*						

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction and delivery of air, fumes, dust, textile fibres, sawdust and light chips.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
60	0,35	0,15	42	255
70	0,35	0,13	55	300
80	0,25	0,10	60	340
100	0,20	0,09	75	410
120	0,18	0,07	90	550
130	0,15	0,06	95	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,05	110	765
160	0,10	0,05	120	815
180	0,08	0,04	130	860
200	0,07	0,04	150	955
250	0,04	0,03	180	1150
300	0,03	0,02	220	1385

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	EL conductive ether $R \leq 10^4 \Omega$	



## P405/PU-LR Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.35 mm) and embedded copper steel wire helix with thick pitch. The main characteristic of this hose is its great resistance to abrasion and cutting (5-6 times higher than rubber and 7 times higher than PVC). Great flexibility and compressibility.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 40 to 500 mm	-40°C +90°C (peak +125°C)	8:1

### PRODUCTION DIAMETERS

40	50	60	63*	70	76*	80	90	100	110*	120	125	130	140
150	160	170	180	200	225*	250	275*	300	315	350	400	450	500

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,50	0,25	28	215
50	0,40	0,20	35	280
60	0,40	0,16	42	325
70	0,35	0,14	49	380
80	0,28	0,10	56	430
100	0,20	0,09	70	490

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,20	0,08	80	580
130	0,20	0,08	90	650
150	0,10	0,06	105	735
160	0,10	0,06	110	795
180	0,09	0,05	128	895
200	0,08	0,05	140	980
250	0,05	0,04	175	1215
300	0,03	0,03	210	1465
350	0,02	0,02	245	1700
400	0,02	0,02	280	1945
450	0,01	0,01	315	2185
500	0,01	0,01	350	2430

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

### WIRE OPTIONS

### ADDITIVE OPTIONS

### SERVICE OPTIONS

LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking



## P405/PU-LR Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.35 mm) and embedded copper steel wire helix with thick pitch. The main characteristic of this hose is its great resistance to abrasion and cutting (5-6 times higher than rubber and 7 times higher than PVC). Great flexibility and compressibility.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 40 to 500 mm	-40°C +90°C (peak +125°C)	8:1

### PRODUCTION DIAMETERS

40	50	60	63*	70	76*	80	90	100	110*	120	125	130	140
150	160	170	180	200	225*	250	275*	300	315	350	400	450	500

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,50	0,25	28	215
50	0,40	0,20	35	280
60	0,40	0,16	42	325
70	0,35	0,14	49	380
80	0,28	0,10	56	430
100	0,20	0,09	70	490

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,20	0,08	80	580
130	0,20	0,08	90	650
150	0,10	0,06	105	735
160	0,10	0,06	110	795
180	0,09	0,05	128	895
200	0,08	0,05	140	980
250	0,05	0,04	175	1215
300	0,03	0,03	210	1465
350	0,02	0,02	245	1700
400	0,02	0,02	280	1945
450	0,01	0,01	315	2185
500	0,01	0,01	350	2430

Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	EL conductive ether $R \leq 10^4 \Omega$	





## P406/PU-LR Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.40 mm) and embedded copper steel wire helix with large pitch. The main characteristic of this hose is its great flexibility and compressibility. Corrugated inner surface, high resistance to abrasion and break.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 60 to 305 mm	-40°C +90°C (peak +125°C)	8:1

### PRODUCTION DIAMETERS

60	63*	70	76*	80	82*	90	100	102*	110*	120	125	130	140	150	152*
160	170*	180	200	203*	225*	250	275*	300	305*						

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction and delivery of air, fumes, dust, textile fibres, sawdust and light chips.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
60	0,35	0,15	42	255
70	0,35	0,13	55	300
80	0,25	0,10	60	340
100	0,20	0,09	75	410
120	0,18	0,07	90	550
130	0,15	0,06	95	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,05	110	765
160	0,10	0,05	120	815
180	0,08	0,04	130	860
200	0,07	0,04	150	955
250	0,04	0,03	180	1150
300	0,03	0,02	220	1385

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking



## P406/PU-LR Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.40 mm) and embedded copper steel wire helix with large pitch. The main characteristic of this hose is its great flexibility and compressibility. Corrugated inner surface, high resistance to abrasion and break.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 60 to 305 mm	-40°C +90°C (peak +125°C)	8:1

### PRODUCTION DIAMETERS

60	63*	70	76*	80	82*	90	100	102*	110*	120	125	130	140	150	152*
160	170*	180	200	203*	225*	250	275*	300	305*						

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction and delivery of air, fumes, dust, textile fibres, sawdust and light chips.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
60	0,35	0,15	42	255
70	0,35	0,13	55	300
80	0,25	0,10	60	340
100	0,20	0,09	75	410
120	0,18	0,07	90	550
130	0,15	0,06	95	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,05	110	765
160	0,10	0,05	120	815
180	0,08	0,04	130	860
200	0,07	0,04	150	955
250	0,04	0,03	180	1150
300	0,03	0,02	220	1385

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	EL conductive ether $R \leq 10^4 \Omega$	



## P407/PU-LR Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.40 mm) and embedded copper steel wire helix with thick pitch. The main characteristic of this hose is its great resistance to abrasion and cutting (5-6 times higher than rubber and 7 times higher than PVC). Great flexibility and compressibility.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 40 to 500 mm	-40°C +90°C (peak +125°C)	5:1

### PRODUCTION DIAMETERS

40	50	60	63*	70	76*	80	90	100	110*	120	125	130	140
150	160	170	180	200	225*	250	275*	300	315	350	400	450	500

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,50	0,25	28	215
50	0,40	0,20	35	280
60	0,40	0,16	42	325
70	0,35	0,14	49	380
80	0,28	0,10	56	430
100	0,20	0,09	70	490

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,20	0,08	80	580
130	0,20	0,08	90	650
150	0,10	0,06	105	735
160	0,10	0,06	110	795
180	0,09	0,05	128	895
200	0,08	0,05	140	980
250	0,05	0,04	175	1215
300	0,03	0,03	210	1465
350	0,02	0,02	245	1700
400	0,02	0,02	280	1945
450	0,01	0,01	315	2185
500	0,01	0,01	350	2430

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

### WIRE OPTIONS

### ADDITIVE OPTIONS

### SERVICE OPTIONS

LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking





## P407/PU-LR Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.40 mm) and embedded copper steel wire helix with thick pitch. The main characteristic of this hose is its great resistance to abrasion and cutting (5-6 times higher than rubber and 7 times higher than PVC). Great flexibility and compressibility.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 40 to 500 mm	-40°C +90°C (peak +125°C)	5:1

### PRODUCTION DIAMETERS

40	50	60	63*	70	76*	80	90	100	110*	120	125	130	140
150	160	170	180	200	225*	250	275*	300	315	350	400	450	500

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,50	0,25	28	215
50	0,40	0,20	35	280
60	0,40	0,16	42	325
70	0,35	0,14	49	380
80	0,28	0,10	56	430
100	0,20	0,09	70	490

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,20	0,08	80	580
130	0,20	0,08	90	650
150	0,10	0,06	105	735
160	0,10	0,06	110	795
180	0,09	0,05	128	895
200	0,08	0,05	140	980
250	0,05	0,04	175	1215
300	0,03	0,03	210	1465
350	0,02	0,02	245	1700
400	0,02	0,02	280	1945
450	0,01	0,01	315	2185
500	0,01	0,01	350	2430

Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	EL conductive ether $R \leq 10^4 \Omega$	



## P60/PU-LR Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.45 mm) and embedded copper steel wire helix with large pitch. The main characteristic of this hose is its great flexibility and compressibility. Corrugated inner surface, high resistance to abrasion and break.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 60 to 500 mm	-40°C +90°C (peak +125°C)	8:1

### PRODUCTION DIAMETERS

60	63*	70	76*	80	90	100	110*	120	125	130	140	150	160	180	200	225*
250	275*	300	350	400	450	500										

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction and delivery of air, fumes, dust, textile fibres, sawdust and light chips.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
60	0,35	0,15	42	260
70	0,35	0,13	55	310
80	0,25	0,10	60	350
100	0,20	0,09	75	420
120	0,18	0,07	90	560
130	0,15	0,06	95	590

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,05	110	780
160	0,10	0,05	120	830
180	0,08	0,04	130	880
200	0,07	0,04	150	980
250	0,04	0,03	180	1180
300	0,03	0,02	220	1420
350	0,02	0,02	250	2080
400	0,02	0,02	280	2390
450	0,01	0,01	320	2610
500	0,01	0,01	360	3100

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking



## P60/PU-LR Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.45 mm) and embedded copper steel wire helix with large pitch. The main characteristic of this hose is its great flexibility and compressibility. Corrugated inner surface, high resistance to abrasion and break.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 60 to 500 mm	-40°C +90°C (peak +125°C)	8:1

### PRODUCTION DIAMETERS

60	63*	70	76*	80	90	100	110*	120	125	130	140	150	160	180	200	225*
250	275*	300	350	400	450	500										

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction and delivery of air, fumes, dust, textile fibres, sawdust and light chips.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
60	0,35	0,15	42	260
70	0,35	0,13	55	310
80	0,25	0,10	60	350
100	0,20	0,09	75	420
120	0,18	0,07	90	560
130	0,15	0,06	95	590

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,05	110	780
160	0,10	0,05	120	830
180	0,08	0,04	130	880
200	0,07	0,04	150	980
250	0,04	0,03	180	1180
300	0,03	0,02	220	1420
350	0,02	0,02	250	2080
400	0,02	0,02	280	2390
450	0,01	0,01	320	2610
500	0,01	0,01	360	3100

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	EL conductive ether $R \leq 10^4 \Omega$	





## P70/PU Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.45 mm) and embedded copper steel wire helix with thick pitch. The main characteristic of this hose is its great resistance to abrasion and cutting (5-6 times higher than rubber and 7 times higher than PVC). Great flexibility and compressibility.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent (Blue on request)	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 40 to 500 mm	-40°C +90°C (peak +125°C)	5:1

### PRODUCTION DIAMETERS

40	45*	50	55*	60	65*	70	75*	80	90	100	110	120	125	130
140	150	160	170	180	200	225*	250	275	300	350	400	450	500	

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,50	0,25	28	228
50	0,40	0,20	35	295
60	0,40	0,16	42	342
70	0,35	0,14	49	399
80	0,28	0,10	56	456
100	0,20	0,09	70	515

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,20	0,08	80	610
130	0,20	0,08	90	684
150	0,10	0,06	105	772
160	0,10	0,06	110	850
180	0,09	0,05	128	935
200	0,08	0,05	140	1024
250	0,05	0,04	175	1280
300	0,03	0,03	210	1540
350	0,02	0,02	245	2340
400	0,02	0,02	280	2630
450	0,01	0,01	315	2960
500	0,01	0,01	350	3290

Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	FR flame retardant DIN 4102 - cl. B1	



## P70/PU Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.45 mm) and embedded copper steel wire helix with thick pitch. The main characteristic of this hose is its great resistance to abrasion and cutting (5-6 times higher than rubber and 7 times higher than PVC). Great flexibility and compressibility.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent (Blue on request)	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 40 to 500 mm	-40°C +90°C (peak +125°C)	5:1

### PRODUCTION DIAMETERS

40	45*	50	55*	60	65*	70	75*	80	90	100	110	120	125	130
140	150	160	170	180	200	225*	250	275	300	350	400	450	500	

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,50	0,25	28	228
50	0,40	0,20	35	295
60	0,40	0,16	42	342
70	0,35	0,14	49	399
80	0,28	0,10	56	456
100	0,20	0,09	70	515

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,20	0,08	80	610
130	0,20	0,08	90	684
150	0,10	0,06	105	772
160	0,10	0,06	110	850
180	0,09	0,05	128	935
200	0,08	0,05	140	1024
250	0,05	0,04	175	1280
300	0,03	0,03	210	1540
350	0,02	0,02	245	2340
400	0,02	0,02	280	2630
450	0,01	0,01	315	2960
500	0,01	0,01	350	3290

Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	FR flame retardant DIN 4102 - cl. B1	
	EL conductive ether $R \leq 10^4 \Omega$	



## P80/PU Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.60 mm) and embedded copper steel wire helix. The main characteristic of this hose is its great resistance to abrasion and cutting (5-6 times higher than rubber and 7 times higher than PVC).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent (Blue/black on req.)	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 40 to 500 mm	-40°C +90°C (peak +125°C)	3:1

### PRODUCTION DIAMETERS

40	45*	50	55*	60	65*	70	75*	80	90	100	110*	120	125	130
140	150	160	170	180	200	225*	250	275	300	350	400	450	500	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,70	0,35	25	270
50	0,60	0,30	30	340
60	0,50	0,25	40	420
70	0,45	0,22	45	480
80	0,40	0,15	50	550
100	0,30	0,14	65	680

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,25	0,12	75	770
130	0,25	0,10	85	910
150	0,15	0,08	100	1050
160	0,15	0,08	105	1120
180	0,12	0,06	120	1200
200	0,10	0,06	130	1370
250	0,06	0,04	165	1660
300	0,04	0,03	200	2050
350	0,03	0,02	235	2380
400	0,02	0,02	270	2720
450	0,01	0,01	300	3040
500	0,01	0,01	350	3640

Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Tear Resistance	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	FR flame retardant DIN 4102 - cl. B1	





## P80/PU **Ether Base**

Flexible hose made of a polyurethane (PU) sheet (th. 0.60 mm) and embedded copper steel wire helix. The main characteristic of this hose is its great resistance to abrasion and cutting (5-6 times higher than rubber and 7 times higher than PVC).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent (Blue/black on req.)	10 m standard (coils of 15m and 20m up to ø 200 mm on request)	from 40 to 500 mm	-40°C +90°C (peak +125°C)	3:1

### PRODUCTION DIAMETERS

40	45*	50	55*	60	65*	70	75*	80	90	100	110*	120	125	130
140	150	160	170	180	200	225*	250	275	300	350	400	450	500	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,70	0,35	25	270
50	0,60	0,30	30	340
60	0,50	0,25	40	420
70	0,45	0,22	45	480
80	0,40	0,15	50	550
100	0,30	0,14	65	680

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,25	0,12	75	770
130	0,25	0,10	85	910
150	0,15	0,08	100	1050
160	0,15	0,08	105	1120
180	0,12	0,06	120	1200
200	0,10	0,06	130	1370
250	0,06	0,04	165	1660
300	0,04	0,03	200	2050
350	0,03	0,02	235	2380
400	0,02	0,02	270	2720
450	0,01	0,01	300	3040
500	0,01	0,01	350	3640

Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Tear Resistance	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	FR flame retardant DIN 4102 - cl. B1	
	EL conductive ether $R \leq 10^4 \Omega$	



## P100/PU Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.70 mm) and embedded copper steel wire helix. Particularly smooth inner surface suitable for heavy duty (medium level).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 160 mm on request)	from 40 to 300 mm	-40°C +90°C (peak +125°C)	3:1

### PRODUCTION DIAMETERS

40	50	60	65*	70	75*	80	90	100	110	120	125	130	140	150	160	180	200	225	250	275	300
----	----	----	-----	----	-----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	1,15	0,40	40	400
50	1,00	0,25	50	450
60	1,00	0,25	60	480
80	0,80	0,20	80	650
100	0,60	0,18	100	840
120	0,50	0,15	120	950

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
140	0,40	0,10	140	1060
150	0,38	0,10	150	1120
160	0,35	0,08	160	1200
180	0,30	0,07	180	1450
200	0,25	0,06	200	1500
215	0,25	0,05	215	1760
225	0,20	0,04	225	1860
250	0,20	0,04	250	1930
300	0,15	0,02	300	2310

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Tear Resistance	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	FR flame retardant DIN 4102 - cl. B1	



## P100/PU Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.70 mm) and embedded copper steel wire helix. Particularly smooth inner surface suitable for heavy duty (medium level).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 160 mm on request)	from 40 to 300 mm	-40°C +90°C (peak +125°C)	3:1

### PRODUCTION DIAMETERS

40	50	60	65*	70	75*	80	90	100	110	120	125	130	140	150	160	180	200	225	250	275	300
----	----	----	-----	----	-----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	1,15	0,40	40	400
50	1,00	0,25	50	450
60	1,00	0,25	60	480
80	0,80	0,20	80	650
100	0,60	0,18	100	840
120	0,50	0,15	120	950

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
140	0,40	0,10	140	1060
150	0,38	0,10	150	1120
160	0,35	0,08	160	1200
180	0,30	0,07	180	1450
200	0,25	0,06	200	1500
215	0,25	0,05	215	1760
225	0,20	0,04	225	1860
250	0,20	0,04	250	1930
300	0,15	0,02	300	2310

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Tear Resistance	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	FR flame retardant DIN 4102 - cl. B1	
	EL conductive ether $R \leq 10^4 \Omega$	





## P150/PU Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 1.10 mm) and embedded copper steel wire helix. Particularly smooth inner surface suitable for heavy duty (high abrasion).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 160 mm on request)	from 40 to 300 mm	-40°C +90°C (peak +125°C)	2,5:1

### PRODUCTION DIAMETERS

40	50	60	65*	70	75*	76	80	90	100	110*	120	125*	127	130	140*	150	160	180	200	225*	250	275	300
----	----	----	-----	----	-----	----	----	----	-----	------	-----	------	-----	-----	------	-----	-----	-----	-----	------	-----	-----	-----

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	1,44	0,48	59	460
50	1,38	0,30	71	600
60	1,32	0,30	84	690
80	1,20	0,24	108	920
100	0,78	0,22	135	1250
120	0,72	0,18	160	1450

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
140	0,60	0,12	185	1680
150	0,48	0,12	200	1800
160	0,42	0,10	211	1960
180	0,36	0,08	236	2290
200	0,30	0,06	264	2620
250	0,24	0,05	325	3130
300	0,18	0,02	388	4050

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Tear Resistance	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking



## P150/PU Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 1.10 mm) and embedded copper steel wire helix. Particularly smooth inner surface suitable for heavy duty (high abrasion).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 160 mm on request)	from 40 to 300 mm	-40°C +90°C (peak +125°C)	2,5:1

### PRODUCTION DIAMETERS

40	50	60	65*	70	75*	76	80	90	100	110*	120	125*	127	130	140*	150	160	180	200	225*	250	275	300
----	----	----	-----	----	-----	----	----	----	-----	------	-----	------	-----	-----	------	-----	-----	-----	-----	------	-----	-----	-----

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	1,44	0,48	59	460
50	1,38	0,30	71	600
60	1,32	0,30	84	690
80	1,20	0,24	108	920
100	0,78	0,22	135	1250
120	0,72	0,18	160	1450

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
140	0,60	0,12	185	1680
150	0,48	0,12	200	1800
160	0,42	0,10	211	1960
180	0,36	0,08	236	2290
200	0,30	0,06	264	2620
250	0,24	0,05	325	3130
300	0,18	0,02	388	4050

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Tear Resistance	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	EL conductive ether $R \leq 10^4 \Omega$	



## P180/PU Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 1.35 mm) and embedded copper steel wire helix. Particularly sturdy hose suitable for heavy duty (high level).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE
Transparent	10 m standard (up to 15 m on request)	from 40 to 300 mm	-40°C +90°C (peak +125°C)

### PRODUCTION DIAMETERS

40	45*	50	60	65*	70	75*	80	90	100	110*	115*	120	125*	130	140	150	160	180	200	225*	250*	275*	300*
----	-----	----	----	-----	----	-----	----	----	-----	------	------	-----	------	-----	-----	-----	-----	-----	-----	------	------	------	------

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	2,30	0,70	57	545
50	1,90	0,60	71	650
60	1,80	0,55	85	770
80	1,20	0,45	114	1060
100	1,10	0,40	142	1325
120	0,90	0,30	171	1380
140	0,70	0,20	199	1705
150	0,70	0,20	214	1770

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
160	0,60	0,20	228	2090
180	0,50	0,15	256	2580
200	0,50	0,15	285	2845
250	0,30	0,10	356	3477
300	0,30	0,10	427	4210

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Tear Resistance	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking





## P180/PU Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 1.35 mm) and embedded copper steel wire helix. Particularly sturdy hose suitable for heavy duty (high level).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE
Transparent	10 m standard (up to 15 m on request)	from 40 to 300 mm	-40°C +90°C (peak +125°C)

### PRODUCTION DIAMETERS

40	45*	50	60	65*	70	75*	80	90	100	110*	115*	120	125*	130	140	150	160	180	200	225*	250*	275*	300*
----	-----	----	----	-----	----	-----	----	----	-----	------	------	-----	------	-----	-----	-----	-----	-----	-----	------	------	------	------

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	2,30	0,70	57	545
50	1,90	0,60	71	650
60	1,80	0,55	85	770
80	1,20	0,45	114	1060
100	1,10	0,40	142	1325
120	0,90	0,30	171	1380
140	0,70	0,20	199	1705
150	0,70	0,20	214	1770

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
160	0,60	0,20	228	2090
180	0,50	0,15	256	2580
200	0,50	0,15	285	2845
250	0,30	0,10	356	3477
300	0,30	0,10	427	4210

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Tear Resistance	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	EL conductive ether $R \leq 10^4 \Omega$	



## SM-PU Ester Base

The SM-PU hose line was designed to respond to the need for small diameters. The main characteristic of this product is the reduced helix pitch (10mm).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE
Transparent	15 m. standard (10 m on request)	from 25 to 50 mm	-40°C +90°C (peak +125°C)

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA SM-PU 145 (wall thickness 0,45 mm)

DIAMETERS	TOLERANCE	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS	WEIGHT
[mm]	[mm]	[bar]	[mbar]	[mm]	[gr/m]
25	+1,5/-0,0	0,70	380	R=D	120
30		0,60	360		128
32		0,60	350		138
35		0,60	350		150
38		0,60	350		163
40		0,50	300		171
45		0,50	300		191
50		0,50	280		212

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

TECHNICAL DATA SM-PU 160 (wall thickness 0,60 mm)

DIAMETERS	TOLERANCE	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS	WEIGHT
[mm]	[mm]	[bar]	[mbar]	[mm]	[gr/m]
25	+1,5/-0,0	1,70	400	R=D	154
30		1,60	400		185
32		1,50	380		205
35		1,50	380		224
38		1,50	380		242
40		1,40	350		254
45		1,40	350		285
50		1,40	320		315

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

TECHNICAL DATA SM-PU 170 (wall thickness 0,70 mm)

DIAMETERS	TOLERANCE	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS	WEIGHT
[mm]	[mm]	[bar]	[mbar]	[mm]	[gr/m]
25	+1,5/-0,0	2,50	600	R=D	172
30		2,40	580		204
32		2,30	550		228
35		2,30	550		250
38		2,20	550		273
40		2,20	500		295
45		2,10	500		325
50		2,10	450		369

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Antistatic	Self-extinguishing	Mold Resistant	Hydrolysis Resistance	Microorg. Resistance	Tear Resistance
Abrasion Resistance	Food Compliant	Calibrated Diameters*	Conductive	Compact Version*	Industry	Non-magnetic*	extractor Hoods	*on request

### PU OPTIONS

### ADDITIVE OPTIONS

### SERVICE OPTIONS

SM-PU 145: made of a special polyurethane sheet (th. 0.45mm) and embedded copper steel wire helix.	AS antistatic $R \leq 10^8 \Omega$	CT translucent color
SM-PU 160: made of a special polyurethane sheet (th. 0.60mm) and embedded copper steel wire helix.	AL FDA food grade	CC covering color
SM-PU 170: made of a special polyurethane sheet (th. 0.70mm) and embedded copper steel wire helix.		MP customized marking



## SM-PU Ether Base

The SM-PU hose line was designed to respond to the need for small diameters. The main characteristic of this product is the reduced helix pitch (10mm).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE
Transparent	15 m. standard (10 m on request)	from 25 to 50 mm	-40°C +90°C (peak +125°C)

### MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA SM-PU 145 (wall thickness 0,45 mm)

DIAMETERS	TOLERANCE	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS	WEIGHT
[mm]	[mm]	[bar]	[mbar]	[mm]	[gr/m]
25	+1,5/-0,0	0,70	380	R=D	120
30		0,60	360		128
32		0,60	350		138
35		0,60	350		150
38		0,60	350		163
40		0,50	300		171
45		0,50	300		191
50		0,50	280		212

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

TECHNICAL DATA SM-PU 160 (wall thickness 0,60 mm)

DIAMETERS	TOLERANCE	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS	WEIGHT
[mm]	[mm]	[bar]	[mbar]	[mm]	[gr/m]
25	+1,5/-0,0	1,70	400	R=D	154
30		1,60	400		185
32		1,50	380		205
35		1,50	380		224
38		1,50	380		242
40		1,40	350		254
45		1,40	350		285
50		1,40	320		315

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

TECHNICAL DATA SM-PU 170 (wall thickness 0,70 mm)

DIAMETERS	TOLERANCE	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS	WEIGHT
[mm]	[mm]	[bar]	[mbar]	[mm]	[gr/m]
25	+1,5/-0,0	2,50	600	R=D	172
30		2,40	580		204
32		2,30	550		228
35		2,30	550		250
38		2,20	550		273
40		2,20	500		295
45		2,10	500		325
50		2,10	450		369

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.



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## APPLICATIONS

OEM	Flexibility	Easy Pack	Antistatic	Self-extinguishing	Mold Resistant	Hydrolysis Resistance	Microorg. Resistance	Tear Resistance
Abrasion Resistance	Food Compliant	Calibrated Diameters*	Conductive	Compact Version*	Industry	Non-magnetic*	extractor Hoods	*on request

### PU OPTIONS

### ADDITIVE OPTIONS

### SERVICE OPTIONS

SM-PU 145: made of a special polyurethane sheet (th. 0.45mm) and embedded copper steel wire helix.	AS antistatic $R \leq 10^8 \Omega$	CT translucent color
SM-PU 160: made of a special polyurethane sheet (th. 0.60mm) and embedded copper steel wire helix.	AL FDA food grade	CC covering color
SM-PU 170: made of a special polyurethane sheet (th. 0.70mm) and embedded copper steel wire helix.		MP customized marking



## EDU/45

Flexible hose made of a TPE thermoplastic sheet (th. 0.45mm) and copper steel wire helix. The hose is particularly suitable for suction of aggressive fumes even in presence of different kind of acids, bases and solvents.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE
Translucent transparent	10 m. standard (coils of 20 m up to $\varnothing$ 200 on request)	from 60 to 500 mm	-30°C +90°C (peak +100°C)

### PRODUCTION DIAMETERS

60	65*	70	75*	80	90	100	110	120	125	130	140
150	160	180	200	225	250	275	300	350	400	450	500

\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of motor vehicle gas, pneumatic conveyance, granule suction, passage of solvents and acids.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
60	0,40	0,16	42	342
70	0,35	0,14	49	399
80	0,28	0,10	56	456
100	0,20	0,09	70	515
120	0,20	0,08	80	610
130	0,20	0,08	90	684

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,06	105	772
160	0,10	0,06	110	850
180	0,09	0,05	128	935
200	0,08	0,05	140	1024
250	0,05	0,04	175	1280
300	0,03	0,03	210	1540
350	0,02	0,02	245	1792
400	0,02	0,02	280	2048
450	0,01	0,01	315	2304
500	0,01	0,01	350	2560

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Chemical Resistant	Easy pack	Oil Resistant	Calibrated Diameters*	Compact Version*	Industry	Non-magnetic*
Extractor Hoods	Corrosion Resistant							

\*on request



# S90

Flexible hose made of thermoplastic elastomer additivated with flame retardant and polyolefine (th. 0.80mm), embedded steel wire helix. Particularly smooth inner surface. Indicated with aggressive fumes.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	FIRE REACTION
Black	10 m. standard (coils of 20 m up to ø 200 mm on request - ø 600 and ø 700 mm max length of 6 m)	from 40 to 700mm	-20°C +125°C (peak +135°C)	UL94-V0

## PRODUCTION DIAMETERS

40	45*	50	60	65	70	75	80	90	100	110	120	125	130	140	150
160	170	180	200	225	250	275	300	315	350	400	450	500	600*	700*	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of gas and fumes plants, even with solvents and acids.  
Pneumatic conveyance, granule suction. On request execution with wall thickness lower or higher than standard.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	0,50	0,25	28	228
50	0,40	0,2	35	295
60	0,40	0,16	42	342
70	0,35	0,14	49	399
80	0,28	0,1	56	456
100	0,20	0,09	70	515

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,20	0,08	80	610
130	0,20	0,08	90	684
150	0,10	0,06	105	772
160	0,10	0,06	110	850
180	0,09	0,05	128	935
200	0,08	0,05	140	1024
250	0,05	0,04	175	1280
300	0,03	0,03	210	1540
350	0,02	0,02	245	2340
400	0,02	0,02	280	2630
450	0,01	0,01	315	2960
500	0,01	0,01	350	3290

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Working Temperature	Chemical Resistant	Easy pack	Self-extinguishing	Oil Resistant	Calibrated Diameters*	Compact Version*
Industry	Non-magnetic*	Extractor Hoods	Corrosion Resistant					

\*on request



# S98

Flexible hose made of polyamide fabric impregnated with Santoprene, embedded steel wire helix. Particularly indicated in presence of aggressive fumes.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	FIRE REACTION
Black	10 m. standard (coils of 20 m up to $\varnothing$ 200 mm on request - $\varnothing$ 600 and $\varnothing$ 700 mm max length of 6 m)	from 40 to 700mm	-20°C +125°C (peak +150°C)	Flame retardant class B1 (DIN 4102)

## PRODUCTION DIAMETERS

40	50	60	65*	70	75*	80	90	100	110	120	125	130	140	150
160	180	200	225	250	275	300	315	350	400	450	500	600*	700*	

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of gas and fumes plants, even with solvents and acids.  
Pneumatic conveyance, granule suction.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
50	0,30	0,1	50	209
60	0,30	0,09	60	255
70	0,25	0,08	70	302
80	0,20	0,07	80	345
90	0,20	0,06	90	377
100	0,15	0,05	100	562

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
125	0,13	0,04	125	621
150	0,11	0,04	150	683
160	0,10	0,04	160	735
180	0,09	0,03	180	840
200	0,08	0,02	190	940
250	0,07	0,02	220	1175
300	0,05	0,01	260	1327
350	0,04	0,01	310	1548
400	0,04	0,01	360	1769
450	0,03	0,01	390	1990
500	0,03	0,01	420	2212

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Working Temperature	Chemical Resistant	Easy pack	Self-extinguishing	Oil Resistant	Calibrated Diameters*	Tear Resistant
Compact Version*	Industry	Non-magnetic*	Extractor Hoods	Corrosion Resistant				

\*on request





# M12/HT

Flexible hose made of polyester fabric, special PU for high temperatures coated, embedded steel wire helix. Thanks to the special execution this hose results light but very flexible, with high resistance to tears and perforations.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	FIRE REACTION
Matt black (similar RAL 7037)	10 m. standard (coils of 20 m. up to ø 300 mm on request)	from 51 to 300 mm	-40°C +180°C (peaks +200°C)	Flame retardant class M1 UL94, class VTM-0

## PRODUCTION DIAMETERS

51	60	63	70	76	80	90	100	110	120	125	130	140	150	160	180	200	225	250	300
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Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Industrial suction. Suction and flow of hot air and combustion vapours. Plants with dryers and dehumidifiers.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
51	1,20	0,25	50	190
63	1,00	0,20	60	235
70	0,90	0,18	70	260
76	0,85	0,14	75	285
80	0,80	0,12	80	300
90	0,70	0,10	90	340

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
100	0,60	0,09	100	375
110	0,58	0,09	110	415
120	0,55	0,09	120	450
125	0,50	0,09	125	470
130	0,50	0,09	130	485
140	0,40	0,07	140	525
150	0,30	0,07	150	560
160	0,30	0,07	160	600
180	0,23	0,06	180	770
200	0,20	0,05	190	860
225	0,18	0,04	210	970
250	0,15	0,04	220	1080
300	0,10	0,03	260	1300

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Flexibility	Working Temperature	Chemical Resistant	Easy pack	Self-extinguishing	Oil Resistant	Tear Resistant	Calibrated Diameters*
Compact Version*	Industry	Non-magnetic*	Extractor Hoods	High temp. Suction	Corrosion Resistant			*on request



# EX-1 GAS AUTO

Lightweight and crushproof flexible hose for reels. Suitable for suction of exhaust gas of petrol and Diesel powered engines. The hose is made of TPK-coated polyester and PA6.6 flexible helix covered with TPK profile.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE
Black	10 or 20 m standard	-40°C +150°C (peak)

## PRODUCTION DIAMETERS

40	45	50	60*	65	70	76*	80	90	100*	110	120	125*	140	150*	160*	200*
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\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of exhaust gas of civil and industrial motor vehicles.

## MAINTENANCE




Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	SPIRAL DIAMETER	WEIGHT	INTERNAL CURVATURE RADIUS	OPERATING VACUUM
[mm]	[mm]	[gr/m]	[mm]	[mmH <sub>2</sub> O]
40	3,0	250	80	6500
50	4,0	405	85	5000
65	4,0	525	100	3500
75	4,5	690	105	1500
90	4,5	825	175	1200
100	4,5	865	190	1000
125	5,0	1200	250	750
150	5,0	1440	300	600

Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## APPLICATIONS

						
OEM	Working Temperature	Chemical Resistance	Self-extinguishing	Industry	Extractor Hoods	Corrosion Resistant

\*on request

## WIRE OPTIONS

## ADDITIVES OPTIONS

## SERVICE OPTIONS

	On request: EX-1 GAS AUTO-FR - Flame Retardant	
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## PVC-FLEX Superelastic

Flexible hose made of two PVC sheets (black internal and transparent external layer) with reinforcement spiral between the two layers. Internal plastic-coated steel helix. Very lightweight and extremely flexible hose with excellent resistance to vacuum.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE
Black with white spiral	15 m. standard (from ø 70 mm standard 10 m)	0°C up to + 85°C (peak)

### PRODUCTION DIAMETERS

25	28	32	35	38	41	44	51	63	76*	80*	102*
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\*Diameters available on request.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Vacuum cleaning in the industrial sector, textile industry and for community centers, boats and caravans. Machine tools.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA





INTERNAL DIAMETER	EXTERNAL DIAMETER	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS
[mm]	[mm]	[bar]	[bar]	[mm]
25	31	1,7	0,40	25
28	34	1,6	0,35	28
32	38	1,5	0,35	32
35	41	1,4	0,30	35
38	44	1,4	0,30	38
41	47	1,4	0,30	41

INTERNAL DIAMETER	EXTERNAL DIAMETER	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS
[mm]	[mm]	[bar]	[bar]	[mm]
44	50	1,3	0,28	44
51	57	1,3	0,28	51
63	70	1,3	0,25	63

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## APPLICATIONS

			
OEM	Smooth Surface	Tear Resistance	Industry



# PLASTIROLL type A

Flexible hose made of a sturdy and special PVC profile, helical spiralled. The clockwise or anticlockwise spiral rotation allows to change the diameter by up to 35% more or less compared to the nominal diameter.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE
Light Grey Black or Blue on request	5 m. standard (compressed length on request)	-20°C +80°C

### MAIN APPLICATIONS

On ventilation or suction systems where the flexible hose needs to be self-supporting or where the diameter needs to be changed during installation.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

PRODUCTION DIAMETERS LIGHT VERSION			PRODUCTION DIAMETERS HEAVY VERSION		
Ø [mm]	Box [cm]	Q.ty/Box [m]	Ø [mm]	Box [cm]	Q.ty/Box [m]
22x26	70x70x(h)12	60m (12 x 5m)	200x210*	depends on the required length	
32x36	70x70x(h)12	30m (6 x 5m)	250x260*	depends on the required length	
55x61	92x92x(h)12	20m (4 x 5m)	300x310*	depends on the required length	
75x81	104x104x(h)20	20m (4 x 5m)	350x360*	depends on the required length	
80x86	104x104x(h)20	20m (4 x 5m)	400x410*	depends on the required length	
95x101	120x120x(h)20	20m (4 x 5m)	400x415*	depends on the required length	
125x131	104x104x(h)20	5m (1 x 5m)	500x510*	depends on the required length	
150x156	120x120x(h)20	5m (1 x 5m)	500x515*	depends on the required length	
200x206	120x120x(h)40	5m (1 x 5m)			

\*Diameters available on request



DIAMETER CHANGE	LENGTH CHANGE
With spiral rotation left or right, it's possible to change the diameter of about 35%, more or less compared to nominal diameter. This characteristic simplifies problems during installation.	The structure of the spiral profile allows lengthening the hose by 15 to 45% depending on the diameter, without altering its quality.

## GREEN BUILDING

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MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

								*on request
OEM	Antistatic*	Self-extinguishing	Calibrated Diameters*	Conductive*	Industry	Extractor Hoods	Temporary Conditioning	



# PLASTIROLL type C

Flexible hose made of a sturdy and special antistatic polyethylene profile, enriched with carbons, helical spiralled. The clockwise or anticlockwise spiral rotation allows to change the diameter by up to 35% more or less compared to the nominal diameter.

Surface resistivity  $R \leq 10^5 \Omega$

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	RESISTIVITY	WORKING TEMPERATURE
Black	5 m. standard (compressed length on request)	$R \leq 10^5 \Omega$	-20°C +80°C

### MAIN APPLICATIONS

On ventilation or suction systems where the flexible hose needs to be self-supporting or where the diameter needs to be changed during installation.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

PRODUCTION DIAMETERS LIGHT VERSION			PRODUCTION DIAMETERS HEAVY VERSION		
Ø [mm]	Box [cm]	Q.ty/Box [m]	Ø [mm]	Box [cm]	Q.ty/Box [m]
22x26	70x70x(h)12	60m (12 x 5m)	200x210*	depends on the required length	
32x36	70x70x(h)12	30m (6 x 5m)	250x260*	depends on the required length	
55x61	92x92x(h)12	20m (4 x 5m)	300x310*	depends on the required length	
75x81	104x104x(h)20	20m (4 x 5m)	350x360*	depends on the required length	
80x86	104x104x(h)20	20m (4 x 5m)	400x410*	depends on the required length	
95x101	120x120x(h)20	20m (4 x 5m)	400x415*	depends on the required length	
125x131	104x104x(h)20	5m (1 x 5m)	500x510*	depends on the required length	
150x156	120x120x(h)20	5m (1 x 5m)	500x515*	depends on the required length	
200x206	120x120x(h)40	5m (1 x 5m)			

\*Diameters available on request

DIAMETER CHANGE	LENGTH CHANGE
With spiral rotation left or right, it's possible to change the diameter of about 35%, more or less compared to nominal diameter. This characteristic simplifies problems during installation.	The structure of the spiral profile allows lengthening the hose by 15 to 45% depending on the diameter, without altering its quality.

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### WELL

Contributes to credits:  
MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

								*on request
OEM	Antistatic*	Self-extinguishing	Calibrated Diameters*	Conductive*	Industry	Extractor Hoods	Temporary Conditioning	



# P8

Flexible hose made of a layer of neoprene-coated fibreglass fabric, internal and visible copper steel wire helix and external fibreglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	4 m. standard	-55°C +130°C (peak +150°C)	from 22 to 305 mm	30%	Class M1 (UNE 23723-90) CL V-0 (UL-94)

## PRODUCTION DIAMETERS

22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70	72
76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305		

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Industrial Suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
25	1,60	5100	8	120
38	1,30	5000	12	168
51	1,20	4300	16	250
63	1,10	4000	20	300
76	1,10	3400	25	410
89	1,00	3000	29	490

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
95	0,90	2800	33	550
102	0,90	2600	35	650
114	0,90	2200	40	720
127	0,80	1700	46	800
152	0,70	1400	50	980
180	0,60	1100	60	1190
203	0,50	700	68	1330
254	0,40	450	100	1650
305	0,10	300	116	2000

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

								*on request
OEM	Working Temperature	Easy pack	Self-extinguishing	Industry	Extractor Hoods	High temp. Suction	CMV Mech. Means	

## OPTIONS

Flexible hose P8 with ending couplings, on request.





## P8-S

Flexible hose made of a double layer of neoprene-coated fibreglass fabric, embedded copper steel wire helix and external double fibreglass cord.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	4 m. standard (2 m for ø 19 mm)	-55°C +130°C (peak +150°C)	from 19 to 305 mm	30%	Class M1 (UNE 23723-90) CL V-0 (UL 94)

### PRODUCTION DIAMETERS

19**	22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70
72	76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305	

(\*\*) diameters available only in length of 2mt. Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Industrial Suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
19	3,00	7300	9	110
25	2,80	7100	12	185
38	2,60	6000	18	305
51	2,60	5200	24	360
63	2,40	4600	31	485
76	2,20	4300	38	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
89	2,00	4000	44	690
95	1,90	3700	49	730
102	1,90	3500	52	770
114	1,50	3000	60	845
127	1,40	2400	69	925
152	1,20	1700	75	1200
180	1,00	1200	90	1430
203	0,70	900	101	1650
254	0,50	700	150	2090
305	0,30	500	200	2550

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Smooth Surface	Working Temperature	Easy pack	Self-extinguishing	Tear Resistance	Industry	Transport	Extractor Hoods
High temp. Suction	CMV Mech. Means							

\*on request

## OPTIONS

Flexible hose P8-S with ending couplings, on request.







## P8 PLUS

Flexible hose made of a layer of neoprene-coated fibreglass fabric, internal and visible copper steel wire helix and external fibreglass cord and external film for protection and reinforce.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	4 m. standard	-55°C +130°C (peak +150°C)	from 22 to 305 mm	30%	Class M1 (UNE 23723- 90) CL V-0 (UL- 94)

### PRODUCTION DIAMETERS

22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70
72	76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Industrial suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating. Particularly suitable for pneumatic lifting apparatus.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
25	1,60	5100	8	120
38	1,30	5000	12	168
51	1,20	4300	16	250
63	1,10	4000	20	300

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
76	1,10	3400	25	410
89	1,00	3000	29	490
95	0,90	2800	33	550
102	0,90	2600	35	650
114	0,90	2200	40	720
127	0,80	1700	46	800
152	0,70	1400	50	980
180	0,60	1100	60	1190
203	0,50	700	68	1330
254	0,40	450	100	1650
305	0,10	300	116	2000

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Working Temperature	Easy pack	Self-extinguishing	Industry	Extractor Hoods	High temp. Suction	CMV Mech. Means

\*on request



## P8 ISO

Flexible hose made of a layer of neoprene-coated fibreglass fabric, internal and visible copper steel wire helix and external fibreglass cord, with melamine insulation and external black neoprene anti-steam sheath.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	3 m. standard	-55°C +130°C (peak +150°C)	from 25 to 254 mm	30%	Class M1 (UNE 23723-90) CL V-0 (UL-94)

### PRODUCTION DIAMETERS

25	30	32	35	38	39	41	44	45	51	55	57	60	63	64	70	80	83
89	95	102	114	120	127	140	152**	160**	178**	203**	254**						

\*\*Hoses produced with a double layer of melamine.  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Industrial suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
38	1,30	5000	12	278
51	1,20	4300	16	380
63	1,10	4000	20	470
76	1,10	3400	25	590

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
89	1,00	3000	29	720
95	0,90	2800	33	790
102	0,90	2600	35	900
114	0,90	2200	40	980
127	0,80	1700	46	1100
152	0,70	1400	50	1410
180	0,60	1100	60	1670
203	0,50	700	68	1810
254	0,40	450	100	2295

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5.  
 The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3.  
 Data given in this table are approximate.  
 \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Working Temperature	Easy pack	Self-extinguishing	Industry	Extractor Hoods	High temp. Suction	CMV Mech. Means

\*on request



# P8-S ISO

Flexible hose made of a double layer of neoprene-coated fiberglass fabric, embedded copper steel wire helix and external double fiberglass cord, with melamine insulation and external black neoprene anti-steam sheath.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	3 m. standard	-55°C +130°C (peak +150°C)	from 25 to 254 mm	30%	Class M1 (UNE 23723-90) CL V-0 (UL94)

## PRODUCTION DIAMETERS

25	30	32	35	38	39	41	44	45	51	55	57	60	63	64	70	80	83
89	95	102	114	120	127	140	152**	160**	178**	203**	254**						

\*\*Hoses produced with a double layer of melamine.  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Industrial suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
38	2,60	6000	18	415
51	2,60	5200	24	490
63	2,40	4600	31	655
76	2,20	4300	38	760
89	2,00	4000	44	920
95	1,90	3700	49	970

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
102	1,90	3500	52	1020
114	1,50	3000	60	1105
127	1,40	2400	69	1225
152	1,20	1700	75	1630
180	1,00	1200	90	1910
203	0,70	900	101	2130
254	0,50	700	150	2735

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Smooth Surface	Working Temperature	Easy pack	Self-extinguishing	Tear Resistance	Industry	Transport	Extractor Hoods
High temp. Suction	CMV Mech. Means							

\*on request



# P8/FR

Flexible hose made of a layer of flame retardant neoprene-coated fibreglass fabric, internal and visible copper steel wire helix and external fibreglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	4 m. standard	-55°C +130°C (peak +150°C)	from 22 to 305 mm	30%	Class M1 (UNE 23723-90) CL V-0 (UL-94) EN 45545-2:2013 UNI CEI 11170-3:2005

## PRODUCTION DIAMETERS

22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70	72
76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305		

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Industrial suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mmH <sub>2</sub> O]	[mm]	[gr/m]
25	1,60	5100	8	120
38	1,30	5000	12	168
51	1,20	4300	16	250
63	1,10	4000	20	300
76	1,10	3400	25	410
89	1,00	3000	29	490



DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mmH <sub>2</sub> O]	[mm]	[gr/m]
95	0,90	2800	33	550
102	0,90	2600	35	650
114	0,90	2200	40	720
127	0,80	1700	46	800
152	0,70	1400	50	980
180	0,60	1100	60	1190
203	0,50	700	68	1330
254	0,40	450	100	1650
305	0,10	300	116	2000

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Working Temperature	Easy pack	Self-extinguish.	Industry	Transport	Extractor Hoods	High temp. Suction	CMV Transp. Means	CMV Mech. Means

\*on request

## OPTIONS

Flexible hose P8/FR with ending couplings, on request.





# P8-S/FR

Flexible hose made of a double layer of flame retardant neoprene-coated fiberglass fabric, embedded copper steel wire helix and double external fiberglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	4 m. standard	-55°C +130°C (peak +150°C)	from 19 to 305 mm	30%	Class M1 (UNE 23723-90) CL V-0 (UL-94) EN 45545-2:2013 UNI CEI 11170-3:2005

## PRODUCTION DIAMETERS

19**	22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70
72	76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305	

(\*\*) diameters available only in length of 2mt  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Industrial suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
19	3,00	7300	9	110
25	2,80	7100	12	185
38	2,60	6000	18	305
51	2,60	5200	24	360

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
63	2,40	4600	31	485
76	2,20	4300	38	580
89	2,00	4000	44	690
95	1,90	3700	49	730
102	1,90	3500	52	770
114	1,50	3000	60	845
127	1,40	2400	69	925
152	1,20	1700	75	1200
180	1,00	1200	90	1430
203	0,70	900	101	1650
254	0,50	700	150	2090
305	0,3	500	200	2550

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

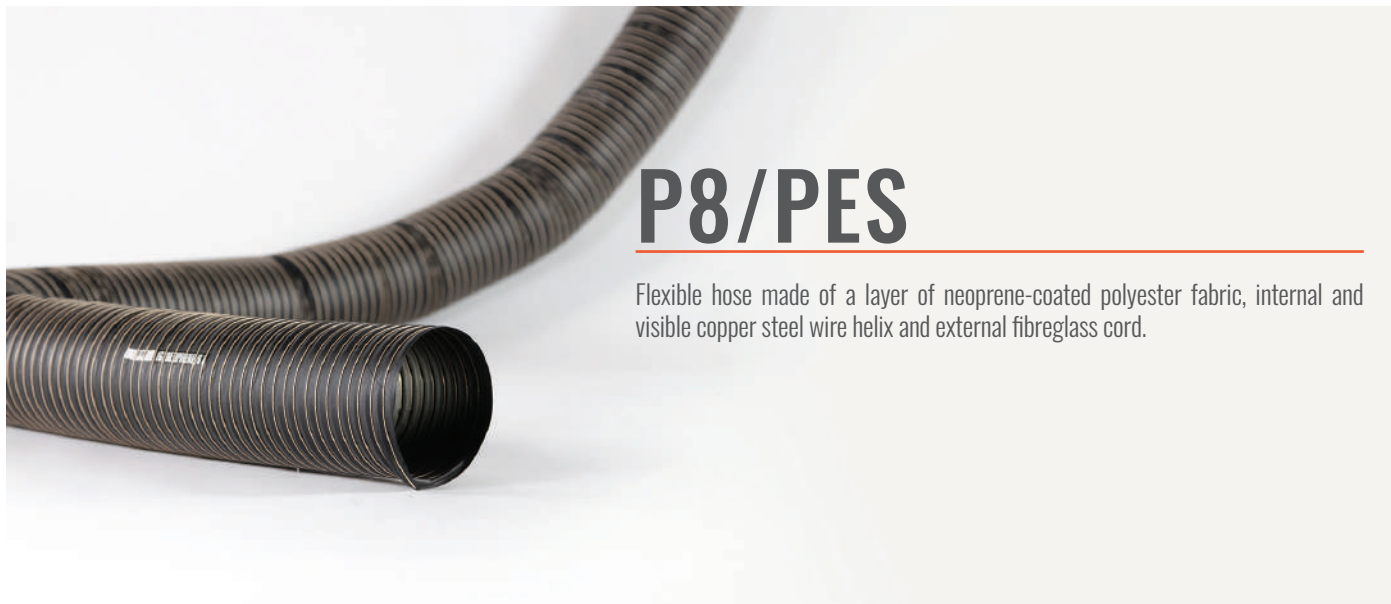
OEM	Smooth Surface	Working Temperature	Easy pack	Self-extinguishing	Tear Resistance	Industry	Transport	Extractor Hoods
High temp. Suction	CMV Transp. Means	CMV Mech. Means						

\*on request

## OPTIONS

Flexible hose P8-S/FR with ending couplings, on request.





# P8/PES

Flexible hose made of a layer of neoprene-coated polyester fabric, internal and visible copper steel wire helix and external fibreglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	4 m. standard	-55°C +130°C (peak +150°C)	from 22 to 305 mm	30%	Class M1 (UNE 23723-90) CL V-0 (UL-94)

## PRODUCTION DIAMETERS

22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70	72
76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305		

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Industrial suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mmH <sub>2</sub> O]	[mm]	[gr/m]
25	1,60	5100	8	120
38	1,30	5000	12	168
51	1,20	4300	16	250
63	1,10	4000	20	300
76	1,10	3400	25	410

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mmH <sub>2</sub> O]	[mm]	[gr/m]
89	1,00	3000	29	490
95	0,90	2800	33	550
102	0,90	2600	35	650
114	0,90	2200	40	720
127	0,80	1700	46	800
152	0,70	1400	50	980
180	0,60	1100	60	1190
203	0,50	700	68	1330
254	0,40	450	100	1650
305	0,10	300	116	2000

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

								*on request
OEM	Working Temperature	Easy pack	Self-extinguishing	Industry	Extractor Hoods	High temp. Suction	CMV Mech. Means	

## OPTIONS

Flexible hose P8 PES with ending couplings, on request.	Flexible hose P8 PES/ISO insulated with melamine foam and neoprene anti-steam sheath
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# P8-S/PES

Flexible hose made of a double layer of neoprene-coated polyester fabric, embedded copper steel wire helix and double external fiberglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	4 m. standard	-55°C +130°C (peak +150°C)	from 19 to 305 mm	30%	Class M1 (UNE 23723-90) CL V-0 (UL-94)

## PRODUCTION DIAMETERS

19**	22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70
72	76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305	

(\*\*) diameters available only in length of 2mt  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Industrial suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
19	3,00	7300	9	110
25	2,80	7100	12	185
38	2,60	6000	18	305
51	2,60	5200	24	360
63	2,40	4600	31	485
76	2,20	4300	38	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
89	2,00	4000	44	690
95	1,90	3700	49	730
102	1,90	3500	52	770
114	1,50	3000	60	845
127	1,40	2400	69	925
152	1,20	1700	75	1200
180	1,00	1200	90	1430
203	0,70	900	101	1650
254	0,50	700	150	2090
305	0,30	500	200	2550

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Smooth Surface	Flexibility	Working Temperature	Easy pack	Self-extinguishing	Tear Resistance	Industry	Naval
Transport	Grilles and Diffusers	Non-magnetic*	Aviation*	Extractor Hoods	High Temp. Suction	CMV Mech. Means	*on request	

## OPTIONS

Flexible hose P8-S PES with ending couplings, on request.

Flexible hose P8-S PES/ISO insulated with melamine foam and neoprene anti-steam sheath







# P4

Flexible hose made of a layer of silicone-coated fibreglass fabric, internal and visible copper steel wire helix and external fibreglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY
Brick Red	4 m. standard	-60°C +270°C (peak +300°C)	from 22 to 305 mm	30%

## PRODUCTION DIAMETERS

22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70	72
76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305		

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction, extraction and blowing of air even with dusty particles in presence of high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
25	1,60	5100	8	120
38	1,30	5000	12	168
51	1,20	4300	16	250
63	1,10	4000	20	300
76	1,10	3400	25	410
89	1,00	3000	29	490

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
95	0,90	2800	33	550
102	0,90	2600	35	650
114	0,90	2200	40	720
127	0,80	1700	46	800
152	0,70	1400	50	980
180	0,60	1100	60	1190
203	0,50	700	68	1330
254	0,40	450	100	1650
305	0,10	300	116	2000

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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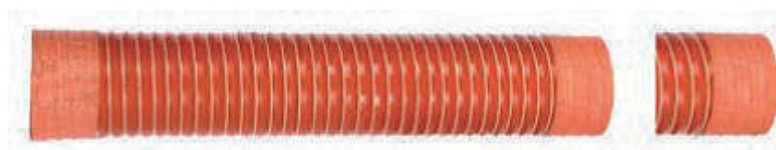
## APPLICATIONS

OEM	Working Temperature	Easy pack	Self-extinguishing	Industry	Extractor Hoods	High temp. Suction	CMV Mech. Means

\*on request

## OPTIONS

Flexible hose P4 with ending couplings, on request.





# P4-S

Flexible hose made of a double layer of silicone-coated fibreglass fabric, embedded copper steel wire helix and double external fibreglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY
Brick Red	4 m. standard (2 m for ø 19 mm)	-60°C +270°C (peak +300°C)	from 19 to 305 mm	30%

## PRODUCTION DIAMETERS

19**	22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70
72	76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305	

(\*\*) diameters available only in length of 2mt  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction, extraction and blowing of air even with dusty particles in presence of high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
19	3,00	7300	9	110
25	2,80	7100	12	185
38	2,60	6000	18	305
51	2,60	5200	24	360
63	2,40	4600	31	485
76	2,20	4300	38	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
89	2,00	4000	44	690
95	1,90	3700	49	730
102	1,90	3500	52	770
114	1,50	3000	60	845
127	1,40	2400	69	925
152	1,20	1700	75	1200
180	1,00	1200	90	1430
203	0,70	900	101	1650
254	0,50	700	150	2090
305	0,30	500	200	2550

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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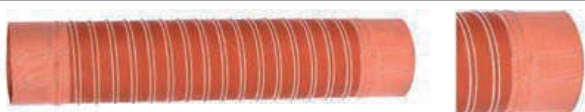
## APPLICATIONS

OEM	Smooth Surface	Working Temperature	Easy pack	Self-extinguishing	Tear Resistance	Industry	Naval	Transport
Grilles and Diffusers	Non-magnetic*	Aviation*	Extractor Hoods	High temp. Suction	CMV Mech. Means			

\*on request

## OPTIONS

Flexible hose P4-S with ending couplings, on request.





# P4 ISO

Flexible hose made of a layer of silicone-coated fibreglass fabric, internal and visible copper steel wire helix and external fibreglass cord, with melamine insulation and external black neoprene anti-steam sheath.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY
Brick Red inside, Black outside	3 m. standard	-60°C +270°C (peak +300°C)	from 25 to 254 mm	30%

## PRODUCTION DIAMETERS

25	30	32	35	38	39	41	44	45	51	55	57	60	63	64	70	80	83
89	95	102	114	120	127	130	140	152**	160**	178**	203**	254**					

\*\* Hoses produced with a double layer of melamine. Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction, extraction and blowing of air even with dusty particles in presence of high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
38	1,30	5000	12	278
51	1,20	4300	16	380
63	1,10	4000	20	470
76	1,10	3400	25	590
89	1,00	3000	29	720
95	0,90	2800	33	790

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
102	0,90	2600	35	900
114	0,90	2200	40	980
127	0,80	1700	46	1100
152	0,70	1400	50	1410
180	0,60	1100	60	1670
203	0,50	700	68	1810
254	0,40	450	100	2295

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

								*on request
OEM	Working Temperature	Easy pack	Self-extinguishing	Industry	Extractor Hoods	High temp. Suction	CMV Mech. Means	



# P4-S ISO

Flexible hose made of a double layer of silicone-coated fibreglass fabric, embedded copper steel wire helix and double external fibreglass cord, with melamine insulation and external black neoprene anti-steam sheath.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY
Brick Red inside, Black outside	3 m. standard	-60°C +270°C (peak +300°C)	from 25 to 254 mm	30%

## PRODUCTION DIAMETERS

25	30	32	35	38	39	41	44	45	51	55	57	60	63	64	70	80	83
89	95	102	114	120	127	130	140	152**	160**	178**	203**	254**					

\*\* Hoses produced with a double layer of melamine. Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction, extraction and blowing of air even with dusty particles in presence of high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
38	2,60	6000	18	415
51	2,60	5200	24	490
63	2,40	4600	31	655
76	2,20	4300	38	760
89	2,00	4000	44	920
95	1,90	3700	49	970



DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
102	1,90	3500	52	1020
114	1,50	3000	60	1105
127	1,40	2400	69	1225
152	1,20	1700	75	1630
180	1,00	1200	90	1910
203	0,70	900	101	2130
254	0,50	700	150	2735

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

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## APPLICATIONS

OEM	Smooth Surface	Working Temperature	Easy pack	Self-extinguishing	Tear Resistance	Industry	Naval	Transport
Grilles and Diffusers	Non-magnetic*	Aviation*	Extractor Hoods	High temp. Suction	CMV Mech. Means	Prolonged anti condensation		*on request



# P4/FR

Flexible hose made of a layer of flame retardant silicone-coated fibreglass fabric, internal and visible copper steel wire helix and external fibreglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	FIRE REACTION
Light Blue	4 m. standard	-60°C +270°C (peak +300°C)	from 22 to 305 mm	30%	EN 45545-2:2013+A1:2015 (R1/HL1,HL2)

## PRODUCTION DIAMETERS

22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70	72
76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305		

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction, extraction and blowing of air even with dusty particles in presence of high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
25	1,60	5100	8	120
38	1,30	5000	12	168
51	1,20	4300	16	250
63	1,10	4000	20	300
76	1,10	3400	25	410
89	1,00	3000	29	490

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
95	0,90	2800	33	550
102	0,90	2600	35	650
114	0,90	2200	40	720
127	0,80	1700	46	800
152	0,70	1400	50	980
180	0,60	1100	60	1190
203	0,50	700	68	1330
254	0,40	450	100	1650
305	0,10	300	116	2000

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Working Temperature	Easy pack	Self-extinguishing	Industry	Naval	Transport	Grilles and Diffusers	Non-magnetic*
					*on request			
Aviation*	Extractor Hoods	High temp. Suction	CMV Transp. Means	CMV Mech. Means				

## OPTIONS

Flexible hose P4-FR with ending couplings, on request.	Flexible hose P4/FR ISO insulated with melamine foam and neoprene anti-steam sheath
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# P4-S/FR

Flexible hose made of a double layer of flame retardant silicone-coated fibreglass fabric, embedded copper steel wire helix and double external fibreglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	FIRE REACTION
Light Blue	4 m. standard (2 m for ø 19 mm)	-60°C +270°C (peak +300°C)	from 19 to 305 mm	30%	EN 45545-2:2013+A1:2015 (R1/HL1,HL2)

## PRODUCTION DIAMETERS

19**	22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70
72	76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305	

(\*\*) diameters available only in length of 2mt  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction, extraction and blowing of air even with dusty particles in presence of high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
19	3,00	7300	9	110
25	2,80	7100	12	185
38	2,60	6000	18	305
51	2,60	5200	24	360
63	2,40	4600	31	485
76	2,20	4300	38	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
89	2,00	4000	44	690
95	1,90	3700	49	730
102	1,90	3500	52	770
114	1,50	3000	60	845
127	1,40	2400	69	925
152	1,20	1700	75	1200
180	1,00	1200	90	1430
203	0,70	900	101	1650
254	0,50	700	150	2090
305	0,30	500	200	2550

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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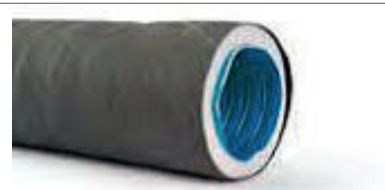
For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Smooth Surface	Working Temperature	Easy pack	Self-extinguishing	Tear Resistance	Industry	Naval	Transport
Grilles and Diffusers	Non-magnetic*	Aviation*	Extractor Hoods	High temp. Suction	CMV Transp. Means	CMV Mech. Means	*on request	

## OPTIONS

Flexible hose P4-S/FR with ending couplings, on request.	Flexible hose P4-S/FR ISO insulated with melamine foam and neoprene anti-steam sheath
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# P4/PES

Flexible hose made of a layer of silicone-coated polyester fabric, internal and visible copper steel wire helix and external fibreglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY
Brick Red	4 m. standard	-50°C +210°C	from 22 to 305 mm	30%

## PRODUCTION DIAMETERS

22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70	72
76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305		

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction, extraction and blowing of air even with dusty particles in presence of high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
25	1,60	5100	8	120
38	1,30	5000	12	168
51	1,20	4300	16	250
63	1,10	4000	20	300
76	1,10	3400	25	410
89	1,00	3000	29	490

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
95	0,90	2800	33	550
102	0,90	2600	35	650
114	0,90	2200	40	720
127	0,80	1700	46	800
152	0,70	1400	50	980
180	0,60	1100	60	1190
203	0,50	700	68	1330
254	0,40	450	100	1650
305	0,10	300	116	2000

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Flexibility	Working Temperature	Easy pack	Self-extinguishing	Industry	Naval	Transport	Grilles and Diffusers
Non-magnetic*	Aviation*	Extractor Hoods	High Temp. Suction	CMV Mech. Means				*on request

## OPTIONS

Flexible hose P4 PES with ending couplings, on request.







# P4-S/PES

Flexible hose made of a double layer of silicone-coated polyester fabric, embedded copper steel wire helix and double external fibreglass cord.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY
Brick Red	4 m. standard (2 m for ø 19 mm)	-50°C +210°C	from 19 to 305 mm	30%

## PRODUCTION DIAMETERS

19**	22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70
72	76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305	

(\*\*) diameters available only in length of 2mt  
Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction, extraction and blowing of air even with dusty particles in presence of high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
19	3,00	7300	9	110
25	2,80	7100	12	185
38	2,60	6000	18	305
51	2,60	5200	24	360
63	2,40	4600	31	485
76	2,20	4300	38	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
89	2,00	4000	44	690
95	1,90	3700	49	730
102	1,90	3500	52	770
114	1,50	3000	60	845
127	1,40	2400	69	925
152	1,20	1700	75	1200
180	1,00	1200	90	1430
203	0,70	900	101	1650
254	0,50	700	150	2090
305	0,30	500	200	2550

The control pressure (expressed in bar\*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar\*) is equal to the operating pressure by 3. Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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## APPLICATIONS

OEM	Smooth Surface	Flexibility	Working Temperature	Easy pack	Self-extinguishing	Tear Resistance	Industry	Naval
Transport	Grilles and Diffusers	Non-magnetic*	Aviation*	Extractor Hoods	High Temp. Suction	CMV Mech. Means	*on request	

## OPTIONS

Flexible hose P4-S PES with ending couplings, on request.





## P16/S VITON®

Flexible hose made of a double layer of Viton®-coated fibreglass fabric, embedded copper steel wire helix and external double fibreglass cord. Particularly suitable in presence of different kinds of acids, chlorides, gases, oils and solutions; UV-resistant and extremely flexible even with low temperatures.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY
Green	4 m. standard (2m ø 19,22, 25mm)	-40°C +200°C (peak +280°C)	from 19 to 305 mm	30%

### PRODUCTION DIAMETERS

19*	22*	25*	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70
72	76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305	

(\* ) diameters available only in length of 2mt  
Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction, extraction and blowing of air in presence of medium temperatures, even with dusty particles and aggressive gas (Acetylene, Boric Acid solutions, Ethanol, Lubricating Oils, Saltiness, Tartaric acid, etc.). Very good resistance with oil particles and liquids.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
19	3,00	7300	9	110
25	2,80	7100	12	185
38	2,60	6000	18	305
51	2,60	5200	24	360
63	2,40	4600	31	485
76	2,20	4300	38	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H <sub>2</sub> O]	[mm]	[gr/m]
89	2,00	4000	44	690
95	1,90	3700	49	730
102	1,90	3500	52	770
114	1,50	3000	60	845
127	1,40	2400	69	925
152	1,20	1700	75	1200
180	1,00	1200	90	1430
203	0,70	900	101	1650
254	0,50	700	150	2090
305	0,30	500	200	2550

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



**BREEAM**<sup>®</sup>

LEED	WELL	BREEAM
Contributes to credits: MR	Contributes to credits: MATERIALS	Contributes to credits: HEA

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Smooth Surface	Working Temperature	Chemical resistance	Warning	Easy pack	Tear Resistance	Ozone Resistant	Chlorine Resistant
Industry	Non-magnetic*	Extractor Hoods	High Temp. Suction	Corrosive Resistance				*on request



# TERMOCLIP CSM

Flexible hose made of CSM-coated polyester fabric and external galvanized steel wire helix. The flexible hose is hardly inflammable with good resistance to chemical agents and UV rays. It is moreover resistant to vibrations and has a great tensile strength. Highly flexible and compressible. Reduced curvature radius.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
External black, internal grey	3 or 6 m.	-40°C +175°C (peak +190°C)	6:1

## PRODUCTION DIAMETERS

50	55	60	65	70	75	80	90	100	110	120	125	130	140	150	160	170	175	180
200	215	225	250	275	300	315	325	350	375	400	450	500	550	600	700	800	900	

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Air conditioning, ventilation, heating systems. Exhaust gas conveyance. Suction even in presence of corrosive agents.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
50	0,900	0,400	30	400
60	0,780	0,278	36	500
75	0,620	0,178	45	600
80	0,610	0,156	48	600
100	0,510	0,100	60	600
110	0,480	0,083	66	700

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,360	0,070	72	700
125	0,330	0,064	75	800
150	0,220	0,044	90	900
160	0,210	0,039	96	900
180	0,172	0,031	108	1000
200	0,148	0,025	120	1200
250	0,100	0,016	175	1600
300	0,070	0,011	210	2100
350	0,056	0,008	245	2500
400	0,047	0,006	280	3100
500	0,043	0,004	400	4100

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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BREEAM®

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Contributes to credits: MR	Contributes to credits: MATERIALS	Contributes to credits: HEA
For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.		

## APPLICATIONS

OEM	Flexibility	Chemical Resistance	Warning	Ozone resistance	Calibrated Diameters*	Anti UV	Conductive*	Compact version
						*on request		
Industry	Air conditioning	CMV	Non-magnetic*	Extractor Hoods	Corrosive Resistance			

## OPTIONS ON REQUEST

TERMOCLIP CSM/PTFE - Double-layer flexible hose made of an external layer of CSM-coated polyester fabric and an internal layer of PTFE film. External galvanized steel wire helix.	TERMOCLIP CSM/PTFE-EL - Flexible hose in CSM/PTFE with conductive $R_0 < 10^4 \Omega$ PTFE film
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# TERMOCLIP FKM

Flexible hose made of FKM-coated polyester fabric and external galvanized steel wire helix. Good resistance to chemical agents and UV rays. High tearing strength and resistance to vibrations.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Black internal and external	3 or 6 m. standard	-25°C up to +210°C	6:1

## PRODUCTION DIAMETERS

50	55	60	65	70	75	80	90	100	110	120	125	130	140	150	160	170	175	180
200	215	225	250	275	300	315	325	350	375	400	450	500	550	600	700	800	900	

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Extraction of corrosive agents, solvents and paints. Paper and paint industry, chemical and pharmaceutical industries.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
50	0,900	0,400	30	400
60	0,780	0,278	36	500
75	0,620	0,178	45	600
80	0,610	0,156	48	600
100	0,510	0,100	60	600
110	0,480	0,083	66	700



DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,360	0,070	72	700
125	0,330	0,064	75	800
150	0,220	0,044	90	900
160	0,210	0,039	96	900
180	0,172	0,031	108	1000
200	0,148	0,025	120	1200
250	0,100	0,016	175	1600
300	0,070	0,011	210	2100
350	0,056	0,008	245	2500
400	0,047	0,006	280	3100
500	0,043	0,004	400	4100

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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BREEAM®

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For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.		

## APPLICATIONS

OEM	Flexibility	Working Temperature	Chemical Resistance	Warning	Ozone resistance	Tear resistance	Calibrated diameters*	Anti UV
Compact version*	Industry	Air conditioning	Extractor Hoods	High Temp. Conditioning	Corrosive Resistance			

\*on request



# TERMOCLIP PTFE

Extremely lightweight flexible hose made of PTFE-coated fibreglass fabric and external galvanized steel wire helix. Resistant to both high and low temperatures, meteorological conditions and aggressive chemicals. The hose is highly flexible and compressible with high tensile strength. PTFE is very safe for users' health and has a non-stick surface.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Brown	3 or 6 m.	-150°C up to +250°C	6:1

## PRODUCTION DIAMETERS

50	55	60	65	70	75	80	90	100	110	120	125	130	140	150	160	170	175	180
200	215	225	250	275	300	315	325	350	375	400	450	500	550	600	700	800	900	

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Extraction of corrosive agents, solvents and paints. Paper and paint industry, chemical and pharmaceutical industries.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
50	0,85	0,32	30	400
60	0,68	0,222	36	500
75	0,47	0,14	45	600
80	0,43	0,125	48	600
100	0,3	0,08	60	600
110	0,258	0,066	66	700

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,224	0,056	72	700
125	0,21	0,05	75	800
150	0,157	0,036	90	900
160	0,14	0,031	96	900
180	0,117	0,025	108	1000
200	0,1	0,02	120	1200
250	0,07	0,013	175	1600
300	0,05	0,009	210	2100
350	0,04	0,007	245	2500
400	0,03	0,005	280	3100
500	0,02	0,003	400	4100

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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Contributes to credits:

MR



WELL

Contributes to credits:

MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Smooth Surface	Flexibility	Working Temperature	Chemical Resistance	Warning	Tear Resistance	Calibrated diameters*	Compact version*
Industry	Non-magnetic*	Extractor Hoods						

\*on request



# TERMOCLIP Silicon

Flexible hose for high temperatures made of silicone-coated fibreglass fabric and external galvanized steel wire helix. Good resistance to chemical agents and UV rays. Hardly inflammable, highly flexible and compressible with high tensile strength.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Grey	3 or 6 m.	-60°C +300°C (peak +350°C)	6:1

## PRODUCTION DIAMETERS

50	55	60	65	70	75	80	90	100	110	120	125	130	140	150	160	170	175	180
200	215	225	250	275	300	315	325	350	375	400	450	500	550	600	700	800	900	

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of exhaust gas from engine test benches for the automotive industry and industrial vehicles. Air suction and ventilation for high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
50	0,85	0,32	30	400
60	0,68	0,222	36	500
75	0,47	0,14	45	600
80	0,43	0,125	48	600
100	0,3	0,08	60	600
110	0,258	0,066	66	700

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,224	0,056	72	700
125	0,21	0,05	75	800
150	0,157	0,036	90	900
160	0,14	0,031	96	900
180	0,117	0,025	108	1000
200	0,1	0,02	120	1200
250	0,07	0,013	175	1600
300	0,05	0,009	210	2100
350	0,04	0,007	245	2500
400	0,03	0,005	280	3100
500	0,02	0,003	400	4100

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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LEED

Contributes to credits:

MR



WELL

Contributes to credits:

MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Smooth Surface	Working Temperature	Chemical Resistance	Warning	Self-extinguishing	Ozone Resistant	Tear Resistance	Calibrated diameters*
Anti UV	Conductive*	Compact version*	Industry	Transport	Non-magnetic*	Extractor Hoods	High Temp. Conditioning	Corrosive Resistance

\*on request

## OPTIONS

TERMOCLIP SILICON/PTFE - Double layer flexible hose made of an external layer of silicone-coated polyester fabric and an internal layer of PTFE film.	TERMOCLIP SILICON/PTFE-EL - Flexible hose in Silicone/PTFE with conductive $R_o < 10^4 \Omega$ PTFE film.	TERMOCLIP SILICON/S - Made of double layer of fabric for high temperatures.
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# TERMOCLIP HT 450

Flexible hose made of a double layer of fabric. External layer in silicone-coated fibreglass fabric for high temperatures and internal layer in raw fibreglass fabric. External galvanized steel wire helix. Highly flexible and compressible with high tensile strength. Hardly inflammable. Does not emit toxic gases if used at high temperatures.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE
Grey	3 or 6 m. standard	-60°C +450°C (peak +550°C)

## PRODUCTION DIAMETERS

50	55	60	65	70	75	80	90	100	110	120	125	130	140	150	160	170	175	180
200	215	225	250	275	300	315	325	350	375	400	450	500	550	600	700	800	900	

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of exhaust gas from engines for the automotive and arms industry. For the construction of furnaces and assembly of engines in general. For the iron and steel industry and steelworks with high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
50	0,9	0,44	30	600
60	0,78	0,306	36	700
75	0,62	0,196	45	1000
80	0,61	0,172	48	1000
100	0,51	0,11	60	1300
110	0,48	0,092	66	1300

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,36	0,077	72	1400
125	0,33	0,071	75	1400
150	0,22	0,049	90	1800
160	0,21	0,043	96	1800
180	0,172	0,035	108	2100
200	0,148	0,028	120	2300
250	0,1	0,018	175	2600
300	0,07	0,013	210	2750
350	0,056	0,009	245	3050
375	0,05	0,008	263	3200
400	0,047	0,007	280	3400
500	0,043	0,005	400	4500

Data given in this table are approximate. \* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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Contributes to credits:

MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Smooth Surface	Working Temperature	Chemical Resistance	Warning	Tear Resistant	Calibrated Diameters*	Industry	Transport
Non-magnetic*	Extractor Hoods	High Temp. Conditioning						

\*on request

## OPTIONS

TERMOCLIP HT400 - Flexible hose made of PU-coated fabric for high temperatures reinforced with a stainless steel weft. External galvanized steel wire helix.

TERMOCLIP HT550 - Flexible hose made of a double layer of fabric. External layer in PU-coated fabric for high temperatures reinforced with a stainless steel weft and internal layer in raw fibreglass fabric. External galvanized steel wire helix.





# TERMOCLIP HT 650

Flexible hose made of a double layer of PU-coated fabric for high temperatures and reinforced with a stainless steel weft. The external galvanized steel helix guarantees excellent hose protection. The flexible hose is flame retardant and non-toxic as it does not contain silicone.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE
Grey	3 or 6 m. standard	-20°C +650°C (peak +750°C)

## PRODUCTION DIAMETERS

60	65	70	75	80	90	100	110	120	125	130	140	150	160	170	175	180	200
215	225	250	275	300	315	325	350	375	400	450	500	550	600	700	800	900	

Diameters other than those indicated are available by prior feasibility check.

## MAIN APPLICATIONS

Suction of exhaust gas from engines for the automotive and arms industry. For the construction of furnaces and assembly of engines in general. For the iron and steel industry and steelworks with high temperatures.

## MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

## TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
60	hose used only for suction	0,32	36	1350
75		0,26	45	1650
80		0,23	48	1800
100		0,17	60	1800
120		0,12	72	2000
125		0,11	75	2100

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	hose used only for suction	0,08	90	2200
160		0,07	96	2400
180		0,05	108	2800
200		0,04	120	3000
250		0,03	175	3550
300		0,02	210	4400
350		0,015	245	5000
400		0,01	280	5900
500		0,007	400	7400

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

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MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Smooth Surface	Working Temperature	Chemical Resistance	Warning	Tear Resistant	Calibrated Diameters*	Industry	Transport
Non-magnetic*	Extractor Hoods	High Temp. Conditioning						

\*on request

## OPTIONS

TERMOCLIP HT1100 - Flexible hose made with 3 layers of fabric. External layer in PU-coated fabric for high temperatures reinforced with a stainless steel mesh, middle layer in insulating fabric for high temperatures and internal layer in stainless steel for high temperatures. External stainless steel helix.



## HOSE CLAMPS

Hose clamp in flame retardant polyamide, carbon-black loaded, resistant to saltiness and UV rays.

### CHARACTERISTICS:

COLOR: Black

BELT WIDTH:

- 7,8 mm - max. tightening  $\varnothing$  200 mm
- 9,8 mm - max. tightening  $\varnothing$  233 mm



## HOSE CLAMPS WITH BALANCING HEAD

Hose clamp in steel with balancing head with a new carriage that allows to operate on hoses already fitted and in areas difficult to access to. 9mm belt, steel carriage and screw.

### CHARACTERISTICS:

- ART. 36 - INOX steel belts and galvanized steel heads.
- ART. 16 - INOX steel clamps



## SPIRAL HOSE CLAMPS

Spiral hose clamps in steel with balancing head. It guarantees tightening also on hoses with particularly accentuated spiral profile.

### CHARACTERISTICS:

- ART. 46 - INOX steel belts, galvanized steel spiral clamp and head



Cod. AN  
counterclockwise

Cod. OR  
clockwise



## JOINT COUPLING NP

Male coupling (length 120mm) in galvanized plate for hoses connection.

### CHARACTERISTICS:

- Plate thickness 0.6 mm for hoses from  $\varnothing$  80 mm to  $\varnothing$  300 mm
- Plate thickness 0.7 mm for hoses from  $\varnothing$  315 mm to  $\varnothing$  600 mm

## FLANGED COUPLING

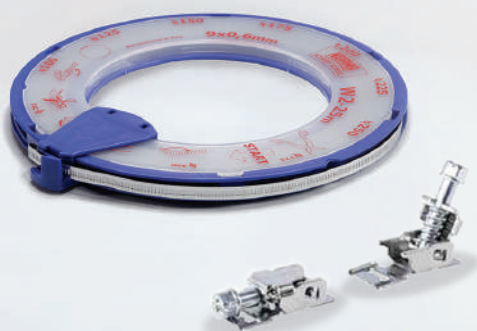


Male flanged coupling in galvanized steel plate for flexible hoses ending.

### CHARACTERISTICS:

Length 40 mm

## PRATIKIT INOX



Perfect for the realization, in an easy and fast way, of clamps with different diameters, depending on the needs.

### CHARACTERISTICS:

Art. 36 • Perforated belt in INOX 430 steel, width 9mm, length 25m.  
• Balancing carriage in INOX 430 steel, width 9mm, pack of 50 pieces.

## RELEASE CLAMP S96



Single clamp made of a PVC profile, galvanized steel cord and fast lock..

### CHARACTERISTICS:

Produced in diameters:

150\* – 200\* – 250\* – 305 – 406 – 508 – 610 – 700\* - 810\*

\* diameters on request





## PAYMENT OF INVOICES

All invoices must be paid to:

TECNICA Srl - VIA DEGLI INTARSIATORI ROLESÌ,1-42047 ROLO (RE) - ITALY only.

In the event of delayed payments, TECNICA srl shall be entitled to charge interest at the business rate (prime rate plus three percentage points) for each month or, in proportion, for a fraction of the month of delay.

## WARRANTIES AND LIABILITIES

TECNICA srl warrants that the products have been made in compliance with the technical specifications indicated on the technical sheets. TECNICA srl disclaims all liability for any damage suffered by the customer's buyers as a result of the inadequate fulfilment of the obligations towards them, with special reference to consumer information entitlements.

## CLAIMS

Any claims due to faulty goods must be notified in writing to TECNICA srl - VIA DEGLI INTARSIATORI ROLESÌ,1 - 42047 ROLO (RE) - ITALY within 8 days from receipt. Only returned goods authorized by TECNICA srl will be accepted and these must be in their original, integral and complete packaging.

## MISCELLANEOUS

These general sales conditions shall be deemed known and accepted by effect of the sending of a purchase order by the customer to TECNICA srl and may be changed by Tecnica srl by means of simple written notice.

## HOW TO PLACE AN ORDER

Tecnica srl has certified quality. Consequently, all orders must be placed in written form and sent by fax or email. Phone orders must be followed by a written document within the following 2 days.

For each order, Tecnica srl will send an order confirmation showing model and/or technical specifications, quantity and prices quoted for the ordered products.

Whenever, within two days after the sending of such document, this is not returned to us corrected or amended, it shall be deemed tacitly approved and supply shall be regularly made.

Subsequent amendments shall produce a further new order with due charge of the previous one.



## GENERAL SUPPLY TERMS

The material is packed in standard wrapping (single or multi-piece). Packs normally contain minimum amount of material that can be supplied. On request, we can supply even lower quantities at differentiated prices; in this case a packaging surcharge may apply.

Tecnica srl, on request, can design and supply its product range made to specific demands.

Goods travel at the customer's risk, unless otherwise agreed.

Tecnica srl shall execute orders which have been placed and accepted, just as quickly as possible, and will notify the customer in case of any delays. Under no circumstance shall the customer be entitled to cancel an order already placed and accepted without the prior agreement of Tecnica srl. By placing the order with Tecnica srl, the customer fully accepts the conditions, the notes and the warnings indicated in this catalogue and also contained in the other documents produced by Tecnica srl (offers, order confirmations, transport documents, etc.).

A number of precautions must be taken as regards the products storage to prevent any possible deterioration of the material. Stored products must be protected against dust and direct sunlight, in dry premises, and the articles must be kept in their original packaging and only opened when they are to be used. Too much damp can damage the plastic materials used and corrode the metal parts. The articles must be stored flat and not crushed by weights. They must never be hung on hooks, wires or nails.

## DELIVERY TIMES

For products in stock, prompt delivery as long as stocks last.

For products not in stock, approximate delivery times are 15/20 days from order confirmation date.

The delivery date indicated on the order confirmation documents shall be deemed the Tecnica ex-works delivery date.

## PRODUCT DELIVERY

Material will only be dispatched via carrier indicated by TECNICA srl, except in the case of an express request of the customer and with delivery carriage forward.

For goods transport, if required with free-destination with charge, the customer will be charged a contribution with amount indicated on invoice. Any notification of accidents, loss or faults affecting the goods shall be sent by fax to TECNICA srl within 24 hours from receipt of goods.

In the event of such notification not being made within the aforementioned term TECNICA srl disclaims all liability.

# **TECNICA**<sup>TM</sup>

## **TUBI FLESSIBILI**



TECNICA srl  
is a company certified  
UNI EN 9001:2015  
issued by TÜV ITALIA.  
Certificate number 50100 15241

# TECNICA™

## TUBI FLESSIBILI

### TECNICA S.R.L.

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