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You find our complete range of couplings in catalogue 12-K!

* Essential conditions for secured application of hose assemblies:

1. Selection of hose and fittings according demand (specification) by medium and application (working circumstances).

- Particles of liquid or solid agents may physically penetrate, respectively cause chemical reactions.
- Physical effects: causing change in volume of the hose material, consequently causing a change in its characteristics i.e. hardness, tensile strength, elongation etc. (example "pop-cornning" in steam hoses)
- Chemical effects: causing change in chemical construction of hose material, causing change in properties (e.g.: plasticizers or ageing-protectors are decomposed causing possible spill or leakage).
- Exploratory details can be found in the charts "General properties" (pages 6 - 7) and "Chemical resistance tables" (pages 8 - 12).
- The permitted working pressure and vacuum are not to be exceeded.
- The permitted working temperature in interdependence with the medium is not to be exceeded.
- In case of abrasion always consider wear and tear, and regular checking of the hose is required.
- Hose assemblies may, in the process of use, never absorb dangerous electrical charges and where applicable the electrical resistance (measured over the hose from fitting to fitting) may not exceed the value of $10^6 \Omega$.
- Hoses marked with "Ω" are equipped with materials already causing conductive properties.
- Hoses marked "M" need to be secured by connecting the "static-wire(s)" to the fittings in a permanent way, such in order to assure conductivity.
- The indicated overpressure on the plastic spiral hoses refers to a short-term pressure at 20°C. Multiple overpressure usage will lead to a weakened hose and will also reduce the lifetime of the hose.

2. Professional assembly

The selection of hose and fittings must be made in correct sizes and attuned to each other.
Assemblies of fittings may only be executed by experts and is always subjected to prevailing directives.

3. Correct storage

Always keep the hoses dry and clean.
Avoid influences from radiation of Ultra Violet and sunshine
Store tension free and kink free
Avoid temperatures under -20° C and over 30° C.

4. Correct utilization

Hose-assemblies must always be installed accessible for persons, in its natural position and unobstructed. Take into account that hoses under vacuum suffer from decrease in length, under pressure change in length and diameter will occur (non-reinforced PVC spiral hoses may elongate till 40% of its original length when maximum working pressure is applied).

Hose-lengths may, in essence, not be claimed on their ability of torsion, elongation and pulling strength.

- Hose lengths may not be put under torsion, compression and extension.
- Hose lengths may not be bended below its bending radius, especially not behind its fittings. For details on "bending radius" please consult the table on page 5.
- Hose lengths must be protected against exterior mechanical- thermal- or chemical affection.
- When required inspect and check electrical resistance of the hose lengths.

5. Registration of procedure of instructions meeting regular education of employees. Readiness and use of appropriate personal safety equipments

To operate hose-lengths safely it is necessary to implement technical, personal and organisational measures for protection. Preference must be given to the technical and organisational measures. Should these not avoid all dangers, effective personal safety equipment must be provided and used.

6. Regular inspections

Hose-assemblies must be inspected by an expert prior to putting into use. Regular inspections are recommended then-after (e.g. chemical hoses 1x year, steam hoses min.1x semester).

Essential details of inspections should be :

Visual inspection of the hose

- sufficiently cleaned before inspection
- kinks, bruises, deformations
- chemical porosity or mechanical damage to inner tube and/or cover
- damage, deformation or corrosion to the fittings
- damage, deformation or missing of seals and washers

Pressure test, leak proof tests

- pores, leaks, kinks, bruises, blisters, deformations
- unacceptable elongation, overextended torsion
- leakage in hose-connection or fitting(s)

Inspection of electrical conductivity

- testing of ability of electrical resistance with "Ω" and "M" hoses

Testing results must be documented

* source : BG Chemie Merkblatt T002 (ZH 1/134)

How to choose the right hose for the job required?

1. Dimensions

- A. Inside diameter
- B. Outside diameter
- C. Length (with/without couplings)
- D. Tolerance (according or not to norms)

2. Substances to be carried in the hose

- A. Liquid, gas or solid
 - a1. Chemical identification
 - a2. Concentration
 - a3. Temperature
 - a4. Size and type of solids

3. Application

- A. Working-test-burst pressure
- B. Vacuum
- C. Continuous non-continuous use
- D. Flowcapacity (kg/liters per minute)

4. External conditions

- A. UV and ozone-resistance
- B. External abrasion
- C. External temperature
- D. Chemical or petrol influences

5. Special features

- A. Weight
- B. Flexibility
- C. Bending radius
- D. Torsion
- E. Electrical conductivity
- F. Flame resistance
- G. Pulling strength
- H. Torsion resistance, axial and longitudinal
- I. Colour
- J. Special markings, printing, labels

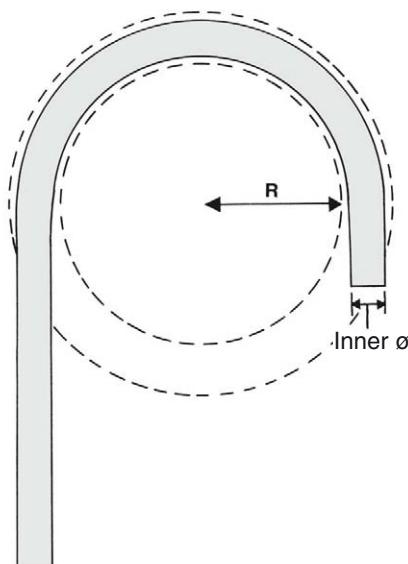
6. Hose-construction

- A. In- and outside smooth, outside welded, corrugated
- B. With or without cuffs, enlarged or conical
- C. With or without spiral (s) in PVC or steel
- D. Kind of insertions, textile, steel, otherwise

7. System of couplings and adaptors

- A. Couplings or adaptors, male, female, threaded
- B. Hoseclamps, safety clamps, swages, band-it

8. Applicable norms, specifications, legislations



Bending radius: „R“ is the radius of the smallest possible circle, to which a hose in service can be bent without damage or shortening its life, by kinking.

Textile reinforced hose may kink if the bending radius is reduced. A helical wire will serve better bending radius without flattening or kinking.

Mandrel-built hoses

6 x inside diameter

Spiral reinforced hoses (in/outside smooth)

8 x inside diameter till 100 mm diameter
10 x inside diameter over 100 mm diameter

Spiral reinforced hoses (outside welded)

6 x inside diameter till 100 mm diameter
8 x inside diameter over 100 mm diameter

When hoses under pressure please calculate 4/5 of the above mentioned figures.

General properties

Chemical name	Poly Vinyl Chloride	Polyurethane Rubber	Natural Rubber	Styrene Butadiene Rubber	Ethylen Propylen Diene rubber
Chemical Group of the hose interior	P.V.C.	PUR	N.R.	S.B.R.	E.P.D.M.
Maximum temperature range °C					
- dry air	+60°C	+80°C	+70°C	+70°C	+120°C
- hot oil	--	+60°C	--	--	--
- hot water	+60°C	+40°C	+70°C	+80°C	+140°C
Minimum temperature range °C	-10°C	-20°C	-40°C	-30°C	-50°C
In general resistant against					
- mineral oils and fats	moderate	good	slightly	slightly	slightly
- animal and vegetable oils and fats	moderate	good	slightly/moderate	slightly/poor	good
- acids diluted concentrated	good moderate/slightly	moderate slightly	moderate/good moderate/good	moderate/good moderate/good	excellent good
- solvents					
aliphatics, petrols	slightly	moderate/good	slightly	slightly	slightly
aromatics: toluene, benzene	slightly	slightly	slightly	slightly	slightly
esters, ethers, alcohols	slightly	slightly	good	good	excellent
chlorinated: tetra, tri etc	slightly	slightly	slightly	slightly	moderate/slightly
- water absorption	very good	very good	very good	good/very good	excellent
- sunlight and Ozone	slightly/good	very good	slightly	slightly/moderate	excellent
elasticity	good	good	excellent	good	moderate/good
resistance against deformation	slightly	moderate	good	good	good
abrasion resistance	good	excellent	excellent	very good	good
permeability	slightly	hardly	hardly	hardly	hardly
electrical insulation	good	good	good/very good	good/very good	excellent
Hardness range (Shore A)	60 - 85	50 A - 75 D	30 - 90	40 - 90	40 - 90
Flameresistance	bad	bad	slightly	slightly	slightly
Tensile strength	20 - 30 Mpa	20 - 30 Mpa	18 - 30 Mpa	15 - 25 Mpa	10 - 20 Mpa
special properties	chemical resistant, lightweight, colourproof, foodstuffs-proof, physiologically clear	elastic, high mechanical strength, wear and tear resistance, ozone and oxyda-tion resistance, oil-and petrol resis-tant, gasproof and notch-resistant, chemicalproof	elastic, coldproof, wear and tear resistance, low concentrated acids, low temperatured water and alcohol	oilmist air, industrial water, glycol	heat resistant, steamresistant, ozone-ageing and UV resistant, chemical resistant
Thermal properties	-35°C / +70°C	-30°C / +90°C	-60°C / +80°C	-50°C / +100°C	-50°C / +160°C

General properties

Chemical name	Acrilonitrile Butadiene Copolymer (Nitrile) N.B.R.	Chloroprene Polymer (Neoprene) C.R.	Silicone Rubber S.I. (Q)	Cross-linked Poly-Ethylene U.P.E./ X.L.P.E.
Chemical Group of the hose interior				
Maximum temperature range °C				
- dry air	+90°C	+90°C	+180°C	+66°C
- hot oil	+120°C	+60°C	--	+60°C
- hot water	+90°C	+70°C	+100°C	+66°C
Minimum temperature range °C	-20°C	-30°C	-60°C	-50°C
In general resistant against				
- mineral oils and fats	excellent	good	moderate	good till 60°C
- animal and vegetable oils and fats	excellent	good	moderate	good
- acids diluted concentrated	good moderate/good	excellent good	excellent moderate	excellent excellent
- solvents				
aliphates, petrols	excellent	moderate/good	slightly	good
aromatics: toluene, benzene	good	moderate	slightly	good
esters, ethers, alcohols	bad	moderate/slightly	moderate	excellent
chlorinated: tetra, tri etc	moderate	slightly	slightly	good
- water absorption	good	good	excellent	very good
- sunlight and Ozone	moderate	excellent	excellent	good
elasticity	moderate/good	moderate/good	good	good
resistance against deformation	good	good	moderate	slightly
abrasion resistance	good	very good	slightly	moderates
permeability	slightly	slightly	hardly slightly	slightly
electrical insulation	bad	moderate/good	excellent	good
Hardness range (Shore A)	40 - 95	40 - 95	40 - 85	----
Flameresistance	slightly	good	moderate	bad
Tensile strength	15 - 20 Mpa	15 - 20 Mpa	10 - 20 Mpa	30 - 35 Mpa
special properties	mineral oil products, greases and fuels, anorganic acids at low concentration and temperature	chemical resistant, ozone-ageing and UV-resistant, weather resistant flameresistant	temperature resistant, cold resistant ozon-ageing resistant, odour- and tasteless	chemical resistant, oxydation resistant, stability, gasproof
Thermal properties	-30°C / +100°C	-45°C / +100°C	-60°C / +200°C short till 250°C	-50°C / +90°C

Chemical resistance tables

N.B.R.	:	Nitrile-butadiene rubber
S.B.R.	:	Styrene-butadiene rubber
N.R.	:	Natural rubber
PUR (AU)	:	Polyurethane
X.L.P.E.	:	Cross -linked polyethylene
P.V.C.	:	Poly-vinyl-chloride
E.P.D.M.	:	Ethylene-propylene-diene rubber

A : Excellent service
 B : Limited service
 C : Not recommended

The chemical resistance tables are believed to be reliable but must be used as a guide only.

Medium	NBR	SBR	NR	PUR	UPE/ XLPE	PVC	EPDM
(Alpha) Methyl Styrene (25°C)	C	—	C	—	A	—	C
Acetaldehyde	C	B	B	B	A	—	A
Acetamide	C	—	C	—	A	—	A
Acetic Acid (100%)	—	C	C	C	C	—	C
Acetic Acid Anhydride (20°C)	C	A	B	C	A	—	A
Acetic Acid (60%)	—	C	B	C	A	—	A
Acetone	C	A	A	—	A	—	A
Acetonnitrile	—	—	—	—	A	—	B
Acetophenone	C	—	C	—	A	—	A
Acetylacetone	C	—	C	—	A	—	A
Acid Salt (37%)	C	—	B	C	A	40°A	A
Acid Salt (20%)	B	—	B	—	A	40°A	A
Acryl Acid	C	—	C	—	C	—	A
Acrylonitrile	C	C	C	—	A	—	C
Adipic Acid	A	A	A	—	A	—	A
Allyl Alcohol	A	A	A	—	B	20°B	A
Alum	A	B	A	A	A	40°A	A
Aluminium Nitrate	A	—	A	—	B	—	A
Aluminium Chloride	A	—	A	B	A	60°A	A
Ammonia Solution (40°C)	—	A	—	—	—	—	—
Ammonium Persulphate	A	—	A	B	A	—	A
Ammonium Sulphate	A	A	A	A	A	60°A	A
Ammonium Nitrate	A	A	A	A	A	40°A	—
Ammonium Chloride	A	A	A	A	A	40°A	A
Ammonium Hydroxide	A	—	A	—	A	40°A	A
Ammonium Phosphate	A	A	A	A	A	60°A	A
Amyl Acetate	C	C	B	—	B	—	A
Amyl Alcohol	A	A	A	B	A	40°A	A
Aniline	C	C	C	—	A	—	A
Barium Chloride	A	—	A	A	A	—	A
Benzaldehyde	C	B	C	C	A	—	—
Benzene	C	C	C	C	A	—	C
Benzyl Alcohol	C	—	A	—	A	20°B	A
Benzyl Chloride (25°C)	C	—	C	—	C	—	C
Borax (Disodium Tetraborate)	A	A	A	A	A	40°A	A
Bromine	C	C	C	B	C	—	C
Bromine Benzene (25°C)	C	—	C	—	B	—	C
Bunker Oil	A	—	C	—	C	—	C
Butanone (Methyl Ethylketone)	C	—	B	—	A	—	A
Butyl Acetate	C	C	C	—	A	—	A
Butyl Aldehyde	C	—	C	—	A	—	A
Butyl Alcohol	A	A	A	C	A	40°A	A
Butyric Acid	C	—	C	—	A	—	A
Butyric Acid Ethyl	C	—	C	—	A	—	A
Butyl Ether	C	—	C	C	A	—	C
Calcium Hydroxide (Lime Water)	A	A	A	C	A	60°A	A
Calcium Hypochlorite	C	C	A	—	A	40°A	A
Calcium Nitrate	A	A	A	A	A	40°A	A
Calcium Chloride	A	A	A	A	A	40°A	A
Calcium Salt	A	—	A	—	A	—	A

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Medium	NBR	SBR	NR	PUR	UPE/ XLPE	PVC	EPDM
Calcium Sulfide	A	-	A	A	A	-	A
Carbon Dioxide Gas	A	A	A	A	A	60°A	A
Carbon Tetrachloride Hydrogen	C	C	C	B	C	-	C
Carbon Disulphide	C	C	B	C	B	-	C
Carbonic Acid Gas	A	-	A	A	A	60°A	A
Caustic Soda (Sodium Hydroxide 20%)	B	B	B	B	A	40°A	A
Chloroacetic Acid (25°C)	C	C	C	C	A	-	-
Chlorobenzene (25°C)	C	C	C	C	A	-	-
Chlorodifluoridemethane (25°C)	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	C	C	C	C	A	-	C
Chlorosulphonic Acid	C	C	C	C	C	-	-
Chlorine Water (0,5% Chlorine)	C	C	C	B	A	40°B	A
Chromic Acid (25% -40°C)	C	C	C	-	A	40°A	B
Citric Acid	A	A	A	A	A	40°A	A
Copper Cyanide	A	-	C	B	A	-	A
Copper Acetate	A	-	C	-	A	-	A
Cresol	C	C	C	C	C	20°B	-
Cresylic Acid	C	-	C	C	C	-	-
Cyclo Hexylamine	C	C	C	-	A	-	-
Cyclohexane	A	C	C	-	A	-	C
Cyclohexanol	A	C	A	C	A	60°A	A
Decahyronaphthalene	A	C	C	A	A	-	C
Decalin	A	C	C	A	A	-	C
Diacetone Alcohol	C	A	A	B	A	-	A
Dibutyl Phthalate	C	C	C	B	A	-	A
Dibutyl Sebacate	C	C	C	C	A	-	A
Dichloroethane	C	C	C	-	A	-	C
Dichloromethane (25°C)	C	C	C	C	C	-	C
Diesel Oil	A	C	C	B	A	40°A	C
Diethyl Ether	C	C	C	B	A	20°B	-
Diethylamine	C	C	C	B	A	20°B	-
Diethylene Glycol	A	A	A	B	A	-	A
Diisobutylene	-	C	C	-	A	-	C
Dimethyl Amine	C	C	C	-	A	20°B	-
Dimethyl Aniline	C	-	C	C	A	-	B
Dimethyl Formamide	C	C	A	B	A	-	A
Dimethyl Sulphoxide	C	-	C	-	-	-	A
Diocyl Sebacate	C	C	C	B	A	-	A
Diocyl Phthalate	C	C	C	-	A	-	A
Dioxane (Diethylene Oxide 60°C)	C	B	C	C	A	-	A
Ethyl Acrylate	C	-	C	-	A	-	-
Epichlorohydrin	C	-	C	C	A	-	A
Ethanol	A	A	A	B	A	-	A
Ethanolamine	-	-	A	-	A	-	A
Ethyl Ether	C	C	C	-	C	-	C
Ethyl Mercaptan	C	-	C	-	A	-	-
Ethyl Glycol	A	A	A	B	A	60°A	A
Ethyl Benzole	C	C	C	-	B	-	C
Ethyl Chloride (Dichlorethane)	C	C	C	-	A	-	C
Ethyl Alcohol (Ethanol)	A	A	A	B	A	-	A

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Medium	NBR	SBR	NR	PUR	UPE/ XLPE	PVC	EPDM
Ethyl Acetate (Acetal)	C	B	C	—	A	—	A
Ethylene Glycolmono Ethylether Acetate	C	A	A	—	A	—	A
Ethylene Glycolmono Ethylether	A	—	A	—	A	—	A
Fatacids	A	—	C	A	B	60°A	A
Ferric Nitrate	A	—	A	—	A	—	A
Ferric Chloride	A	A	A	B	A	—	A
Ferric Sulfate	A	—	A	B	A	—	A
Fluosilicic Acid (50%)	C	A	C	—	A	—	A
Formaldehyde Solution (40%)	B	A	B	B	A	40°A	A
Formic Acid	C	B	C	—	A	—	A
Furfural	C	—	A	—	A	—	A
Furfurol	C	—	A	—	A	—	A
Glacial Acetic Acid (Acetic Acid 100%)	C	C	B	C	C	—	C
Glucose	A	A	A	A	A	40°A	A
Glycols	A	A	A	B	A	60°A	A
Heating Oil ASTM-A (Isooctane)	A	C	C	B	A	—	C
Heating Oil	A	C	C	B	A	20°A	C
Heavy Petrol (Naphtalene)	C	C	B	C	C	—	C
Heptane	A	C	C	B	A	20°A	C
Hexane	A	C	C	B	A	20°A	C
Hexyl Alcohol	A	—	A	C	A	—	A
Hydrobromic Acid (Conc.)	C	—	C	C	C	20°A	A
Hydrocyanic Acid	B	—	A	B	A	—	A
Hydrofluoride Acid (75%)	C	B	B	B	A	20°B	A
Hydrogen Peroxide (35%)	C	C	B	B	—	—	A
Hydrogen Chloride (37%)	C	C	B	—	A	—	A
Isobutyl Acetate	C	—	C	—	A	—	A
Isophorone	C	—	C	C	A	—	A
Isopropanol (Isopropyl Alcohol)	A	A	A	B	A	20°A	A
Isopropyl Benzene (40°C)	C	—	C	—	A	—	C
Isopropyl Alcohol	A	A	A	B	A	20°A	A
Lead Acetate	A	A	A	A	A	60°A	A
Lead Arsenate	A	—	A	A	A	—	A
Light Petrol	A	—	C	—	A	—	C
Liquid Ammonia	A	—	A	C	A	60°A	A
Magnesium Caustic	A	—	A	A	A	—	A
Magnesium Chloride	A	A	A	A	A	—	A
Magnesium Sulphate	A	A	A	A	A	—	A
Mercury	A	A	A	A	A	60°A	A
Mercury Salt	A	A	A	—	A	40°A	A
Methanol (Methyl Alcohol)	A	A	A	B	A	40°A	A
Methyl Acetate	C	—	C	C	A	—	A
Methyl Amine (Solution 30% - 20°C)	C	B	A	—	A	20°B	B
Methyl Acrylate	C	C	C	—	A	—	—
Methyl Chloride Gas	C	C	C	C	B	—	C
Methyl Isobutyl Ketone	C	C	C	C	A	—	A
Methylene Chloride (20°C Dichloromethane)	C	C	C	C	C	—	C
Naphta	A	C	C	B	A	—	C
Naphthalene	C	C	C	B	C	—	C
Nickel Sulphate	A	A	A	B	A	—	A

Chemical resistance tables

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Medium	NBR	SBR	NR	PUR	UPE/ XLPE	PVC	EPDM
Nitric Acid (60°C - 20%)	C	C	C	C	A	—	B
Nitric Acid 100%	C	C	C	C	C	—	C
Nitric Acid (Fuming 100%)	C	C	C	C	C	—	C
Nitro Propane	C	B	B	C	A	—	A
Nitro Benzene (40°C)	C	C	C	C	A	—	C
Nitrogen Gas	A	A	A	A	A	—	A
Octane	A	—	C	A	A	—	C
Oleic Acid	A	—	—	C	B	A	A
Oleum	C	C	C	C	C	—	C
Oxalic Acid	B	B	A	C	A	60°A	A
Ozone	C	C	C	A	B	20°A	A
Palmitic Acid	A	C	B	A	B	20°A	A
Parrafine (Alkane)	A	C	C	B	A	40°A	B
Perchlorethylene (20°C)	C	C	C	C	B	—	C
Petrol (Super)	A	C	C	C	A	—	C
Petrol with 60% Benzene	A	C	C	B	A	—	C
Petroleum Ether	A	C	C	B	A	60°A	C
Petroleum	A	C	C	A	A	20°A	C
Phenol (Carbolic Acid 60°C)	C	C	C	C	B	20°B	A
Phosphoric Acid (60°C)	B	A	B	C	A	40°A	A
Phosphoric Chloride (50°C)	C	—	C	—	B	—	—
Picric Acid (Alcohol Solution)	B	B	B	C	A	20°A	A
Potassium Chlorate	A	B	A	A	A	60°A	A
Potassium Chloride	A	A	A	A	A	60°A	A
Potassium Hydroxide Solution	B	—	A	A	A	40°A	A
Potassium Carbonate	A	A	A	B	A	40°A	A
Potassium Cyanide	A	A	A	B	A	60°A	A
Potassium Permanganate	C	B	C	A	A	40°A	A
Potassium Sulphate	A	B	A	A	A	40IA	A
Potassium Bromide	A	A	A	—	A	40°A	A
Potassium Iodide	A	A	A	—	A	60°A	A
Potassium Nitrate	A	A	A	A	A	60°A	A
Propionic Acid Ethyl Ester	C	C	A	—	A	60°A	A
Propyl Alcohol	A	A	A	B	A	20°A	A
Propyl Acetate	C	—	B	—	A	—	A
Pyrdine	C	C	C	C	A	—	B
Salt Solution	A	A	A	B	A	40°A	A
Silicone Grease	A	A	A	A	A	—	A
Silicone Oil	A	A	A	A	A	20°A	A
Silver Salt	A	B	—	A	A	40°A	A
Sodium Thiosulphate	A	A	A	B	A	40°A	A
Sodium Nitrate	A	A	A	A	A	40°A	A
Sodium Sulphide	A	A	A	A	A	40°A	A
Sodium Hypochloride (13%)	C	C	C	B	B	40°A	A
Sodium Sulphate	A	A	A	A	A	40°A	A
Sodium Phosphate	A	A	A	B	A	40°A	A
Sodium Silicate	A	A	A	B	A	40°A	A
Sodium Acetate	A	—	A	B	A	20°A	A
Sodium Perborate	A	—	A	—	A	—	A
Sodium Hypochlorite (13%)	C	C	C	B	B	40°A	A

Chemical resistance tables

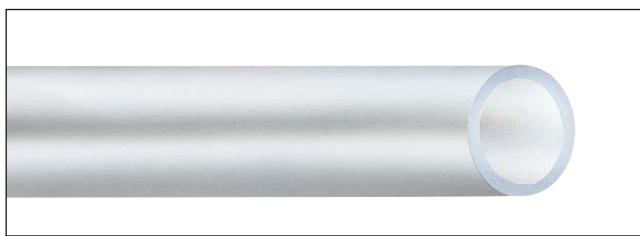
N.B.R.	:	Nitrile-butadiene rubber
S.B.R.	:	Styrene-butadiene rubber
N.R.	:	Natural rubber
PUR (AU)	:	Polyurethane
X.L.P.E.	:	Cross-linked polyethylene
P.V.C.	:	Poly-vinyl-chloride
E.P.D.M.	:	Ethylene-propylene-diene rubber

A : Excellent service
 B : Limited service
 C : Not recommended

The chemical resistance tables are believed to be reliable but must be used as a guide only.

Medium	NBR	SBR	NR	PUR	UPE/ XLPE	PVC	EPDM
Sodium Bisulphite	A	A	A	C	A	40°C A	A
Sodium Chloride	A	A	A	B	A	40°C A	A
Sodium Cyanide (30%)	A	—	A	B	A	—	A
Sodium Hydroxide (20%)	B	B	B	B	A	40°C A	A
Sodium Carbonate	A	A	A	B	A	60°C A	A
Spirits of Nitre (40°C - 40%)	C	B	C	C	—	40°C B	B
Stearic Acid	A	A	A	A	A	60°C A	A
Styrene Monomer (20°C)	C	C	B	C	A	—	C
Sugar	A	—	A	A	A	40°C A	A
Sulfur Chloride	C	B	—	C	A	—	B
Sulphur Dioxide (Dry 60%)	C	B	C	B	A	60°C A	A
Sulphuric Acid (10%)	C	B	C	B	A	20°C B	A
Sulphuric Acid (96% -20°C)	C	B	C	C	A	C	C
Sulphuric Acid Anhydride (Sulphur Trioxide)	C	—	—	C	C	—	B
Sulphuric Acid (100% fuming)	C	B	C	C	C	C	C
Sulphuric Acid (20% - 50°C)	B	B	B	A	A	C	A
Sulphuric Acid (75% - 50°C)	C	B	C	C	A	C	B
Sulphuric Acid (50% - 50°C)	C	B	B	B	A	C	A
Tannin (Tannic Acid)	C	A	C	C	A	20°C B	A
Turpentine	A	C	C	C	A	20°C A	C
Test Fuel (White Spirit)	A	C	C	B	A	—	C
Tetrachlor Ethane	C	C	C	—	A	—	C
Tetrahydrofuran	C	C	C	—	B	—	C
Toluol (20°C)	C	C	C	C	B	—	C
Trichlor Ethylene	C	C	C	C	C	—	C
Trietamine	A	—	C	—	A	—	C
Triethanolamine (20°C)	A	C	A	C	A	20°C B	A
Trimethyl Amine	A	—	C	—	A	—	C
Urea	A	A	A	B	A	40°C A	A
Vinyl Acetate	C	C	C	—	A	—	A
Water	A	A	A	A	A	A	A
White Spirit	A	C	C	B	A	—	C
Wine Acid	A	A	A	A	A	—	A
Xylene	C	C	C	C	C	—	C
Zinc Acetate	A	C	A	C	A	—	A
Zinc Chloride	A	—	A	B	A	—	A
Zinc Sulfate	A	—	A	B	A	—	A

Polyform PVC-Waterhose without insertions



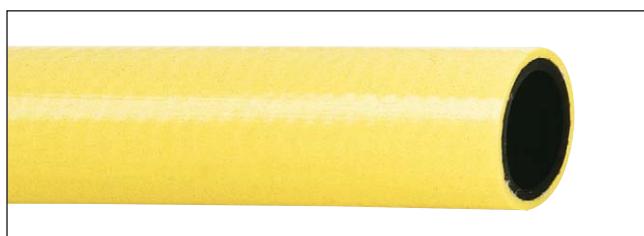
for water, limited chemical resistant. Also for use as protective sleeves for wires and ropes. Non-toxic PVC quality.

Norm : EU 10/2011 Cat. A, B, C
 Temperature range : -15°C / +60°C
 Construction : PVC, clear transparent, smooth

Marking: Polyform Reg. EU 10/2011 Size

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
3	1	5	0,016	100	4041 003005
4	1	6	0,020	100	4041 004006
4	1,5	7	0,033	100	4041 004007
5	1,5	8	0,039	100	4041 005008
6	1,5	9	0,045	100	4041 006009
6	2	10	0,064	100	4041 006010
7	1,5	10	0,051	100	4041 007010
8	2	12	0,080	50	4041 008012
9	2	13	0,090	50	4041 009013
10	2	14	0,096	50	4041 010014
12	2	16	0,112	50	4041 012016
13	2,5	18	0,155	50	4041 013018
14	2,5	19	0,165	50	4041 014019
15	2,5	20	0,175	50	4041 015020
16	3	22	0,230	50	4041 016022
18	3	24	0,250	50	4041 018024
19	4	27	0,370	50	4041 019027
20	3	26	0,280	50	4041 020026
22	3	28	0,300	50	4041 022028
25	3	31	0,340	50	4041 025031
30	3,5	37	0,470	50	4041 030037
32	4	40	0,580	50	4041 032040
38	5	48	0,860	50	4041 038048
50	5	60	1,100	50	4041 050060

Tricotech®



Thermoplastic waterhose

with special constructed knitted insertions.

Working pressure : 10 bar at 20°C
Burst pressure : 30 bar
Temperature range : -15°C / +60°C
Tube : PVC, black, smooth
Cover : PVC, yellow, smooth

Marking: TRICOTECH® Inner diameter cadmiumfree

ø Inner mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
12,5	17	0,150	25 / 50	4100 012000
15	20	0,185	50	4100 015000
19	25	0,270	25 / 50	4100 019000
25	32	0,410	50	4100 025000
32	42	0,760	50	4100 032000
40	50	0,900	50	4100 040000
50	62	1,300	25	4100 050000

We recommend assembly with:

couplings system
Geka:
5310
(see catalogue 12-K P. 4)



Brass nozzles:
5354
(see catalogue 12-K P. 6)



ABA-clamps:
6060
(see catalogue 12-K P. 73)



Induform® / RL

Waterhose for agriculture and construction



easy-handling light-weight hose for irrigation, gardening a.o. Polyesterply reinforced.

Working pressure	:	10 bar
Burst pressure	:	30 bar
Temperature range	:	-20°C / +60°C
Tube	:	black, smooth
Cover	:	red, smooth, with yellow stripes

Marking: INDUFORM® / RL PN 10 BAR

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
13	3	19	0,205	40	4130 013000
19	3,5	26	0,360	40	4130 019000
25	4	33	0,510	40	4130 025000

We recommend assembly with:

couplings system
Geka:
5310

(see catalogue 12-K P. 4)



Brass nozzles:
5354

(see catalogue 12-K P. 6)

ABA-clamps:
6060

(see catalogue 12-K P. 73)



Induform® / RR - Tamburi*

Waterhose for agriculture and construction

Reinforced with polyester plies, for gardening and irrigation, building construction and fire reels.

Working pressure	:	10 bar (*Tamburi 12 bar)
Burst pressure	:	30 bar (*Tamburi 42 bar)
Temperature range	:	-20°C / +60°C
Tube	:	black, smooth
Cover	:	red, corrugated

Marking: INDUFORM® / RR PN 10 BAR * TAMBURI® - KIWA - MM - EN 694:2001-A-2 -Size- 1,2-Quarter/Year

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
13	3	19	0,205	100/40	3000 013000
19*	3,5	26	0,330	20/25/30/40/100	3010 019000
25*	4	33	0,495	20/25/30/40/100	3010 025000
32	6	44	1,010	40	3000 032000
38	6	50	1,150	50	3000 038000

We recommend assembly with:

couplings system
Geka:
5310

(see catalogue 12-K P. 4)



Brass nozzles:
5354

(see catalogue 12-K P. 6)

ABA-clamps:
6060

(see catalogue 12-K P. 73)



Lavaform



Waterhose for washing-machines

Waterpressurehose for washing-machines, dishwashers, domestic equipments.

Working pressure : 30 bar
 Burst pressure : 90 bar
 Temperature range : -20°C / +60°C
 Tube : Thermoplastic, black smooth
 Cover : Thermoplastic, grey smooth, with blue stripes

Marking: DIAMETER - PB 90 BAR / MAX 25°C

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
13	3,5	20	0,250	40	4011 013000

Lavaform / Extra



Waterhose for washing-machines

Waterpressurehose for washing-machines, dishwashers, domestic equipments.

Working pressure : 30 bar
 Burst pressure : 90 bar at 25°C
 Temperature range : -20°C / +95°C
 Tube : Thermoplastic, temperature resistant, black smooth
 Cover : Thermoplastic, grey smooth

Marking: DIAMETER - MAX 95°C - PB 90 BAR AT 25°C

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
10	3,5	17	0,215	40	4012 010000
13	3,5	20	0,250	40	4012 013000

Calorform



Waterhose

Rubber hose for hot water, fine EPDM blend, with yellow mark striping, weather-and ageing resistant, black smooth.

Working pressure : 15 bar
 Burst pressure : 45 bar
 Temperature range : -20°C / +100°C
 Tube : EPDM, black, smooth
 Cover : EPDM, black, smooth with 4 yellow stripes

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
10	3,5	17	0,180	40	3126 010000
13	3,5	20	0,225	40	3126 013000
16	3,5	23	0,265	40	3126 016000
19	4	27	0,330	40	3126 019000
25	4,5	34	0,450	40	3126 025000

We recommend assembly with:

couplings system

Geka:

5310

(see catalogue 12-K P. 4)



Brass nozzles:
5354

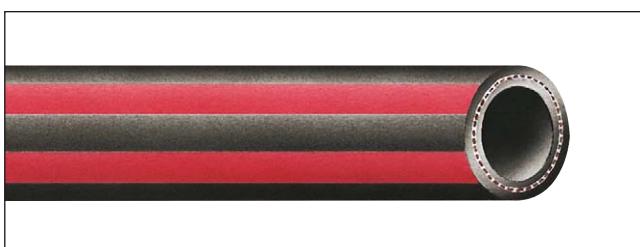
(see catalogue 12-K P. 6)

ABA-clamps:
6060

(see catalogue 12-K P. 73)



Trix / Rotstrahl®



Waterhose-multi-purpose hose

for general application in industry, agriculture, construction, mines, shipyards, a.o.

Temperature range : -40°C / +100°C

Tube : synthetic rubber, black, smooth

Cover : synthetic rubber, red/black longitudinal striping, smooth

*Fabric Finish

Marking: MANUFACTURERSNAME TRIX ROTSTRAHL®
BAR Working pressure - Made in Germany

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C	kg/mtr	Length mtr	Art.-No.
13	3	19	20	0,250	40	3025 013000
16	3,5	23	20	0,330	40	3025 016000
19	4	27	20	0,440	40	3025 019000
25	4,5	34	20	0,580	40	3025 025000
32*	5,5	43	15	0,870	40	3025 032000
38*	6	50	15	1,100	40	3025 038000
50*	7	64	10	1,560	40	3025 050000

We recommend assembly with:

couplings system
Geka:
5310
(see catalogue 12-K P. 4)



Brass nozzles:
5354
(see catalogue 12-K P. 6)



ABA-clamps:
6060
(see catalogue 12-K P. 73)



Python / green



EPDM Multi-purpose waterhose

for industrial water, non-aggressive liquids and seawater. Hose has very good chemical sustainability. Flexible and non-staining. Ageing- and ozone resistant.



Working pressure : 20 bar

Burst pressure : 60 bar

Temperature range : -40°C / +110°C

intermittent use till +130°C

Tube : antistatic EPDM, black smooth

Cover : EPDM, green, smooth

*Fabric Finish

Also available as Python/yellow with working pressure: 30 bar

Marking: PYTHON AND MANUFACTURERS BRAND,
FREE OF NITROSAMINE

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
13	3,5	20	0,260	40/80	3020 013020
19	4	27	0,410	40	3020 019000
25	4,5	34	0,600	40/80	3020 025000
32*	6	44	0,980	40	3020 032000

We recommend assembly with:

couplings system
Geka:
5310
(see catalogue 12-K P. 4)



Brass nozzles:
5354
(see catalogue 12-K P. 6)



ABA-clamps:
6060
(see catalogue 12-K P. 73)



Spray/40



Universal hose

for water and air, also suitable as injection hose for pesticides.

Working pressure : 40 bar (at 20°C)
 Burst pressure : 120 bar (at 20°C)
 Temperature range : -20°C / +60°C
 Tube : PVC/NBR, black, smooth
 Cover : PVC, blue, smooth

Marking: SPRAY/40 - SIZE mm -

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
9	3,5	16	0,187	100	3165 009000
10	3,5	17	0,200	100	3165 010000
13	4	21	0,290	100	3165 013000
16	4,5	25	0,450	100	3165 016000
19	4,5	28	0,500	100	3165 019000

We recommend assembly with:

couplings system

Kamlok:

5500

(see catalogue 12-K P. 36)



ABA-clamps:

6062

(see catalogue 12-K P. 74)



Sprayfire



Highpressure multi-purposehose

for fire-fighting equipment, agricultural spraying of pesticides, nitrogen, highpressure waterjetting. The ARAMIDE (TWARON) insertions provide a kinkproof and antitwist structure, suitable for reeling purposes.

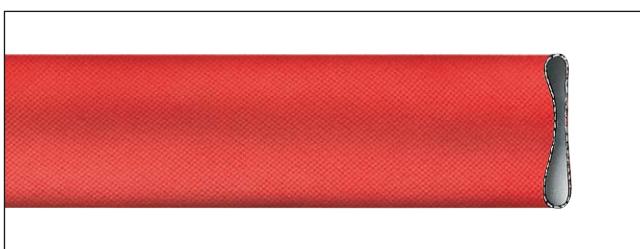
Working pressure : 60 bar
 Burst pressure : 180 bar
 Temperature range : -20°C / +70°C
 Tube : NBR/PVC, black, smooth
 Cover : PU/PVC, black, smooth

Marking: SPRAYFIRE PN 60 / PB 180 BAR

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
10	4,5	19	0,290	100	3170 010000
13	5,5	24	0,470	100	3170 013000
19	6,0	31	0,575	60	3170 019000
25	6,5	38	0,900	60	3170 025000

Cutted length possible.

Pyroflat®



Fire-fightinghose (red)

With high tensile strength, lay flat waterhose.

Tube : synthetic Rubber, black
Cover : Polyurethane coating for good resistance against abrasion and ageing

Marking: PYROFLAT®

ø Inner mm	Burst pressure/bar	kg/mtr	Length mtr	Art.-No.
38	50	0,220	20 / 30 / 50 / 100	4022 038000
52	50	0,290	20 / 30 / 50 / 100	4022 050000
65	50	0,390	20 / 30 / 50 / 100	4022 063000
75	50	0,470	20 / 30 / 50 / 100	4022 075000
102	35	0,570	20 / 30 / 50 / 100	4022 100000

We recommend assembly with:

Storz - couplings + wire:
5110



(see catalogue 12-K P. 11)

Cutted length possible.

Eurolon®



Layflat vinyl waterhose for easy-handling discharge

for use in agriculture, industry and construction to enable easy and fast discharge or supply of water.

Temperature range : -10°C / +60°C
Construction : Extruded PVC with textile plies
Colour : blue

Inch	PN/bar at 20°C	kg/mtr	Length mtr	Art.-No.
1"	7	0,165	50	4010 025000
1.1/4"	7	0,200	100	4010 032000
1.1/2"	7	0,230	100	4010 038000
2"	7	0,333	100	4010 050000
2.1/2"	7	0,430	100	4010 063000
3"	6	0,570	100	4010 075000
4"	6	0,865	100	4010 100000
5"	6	1,080	50	4010 125000
6"	6	1,482	50	4010 150000
8"	4	2,020	50	4010 200000

We recommend assembly with:

Storz - couplings:
5110



(see catalogue 12-K P. 11)

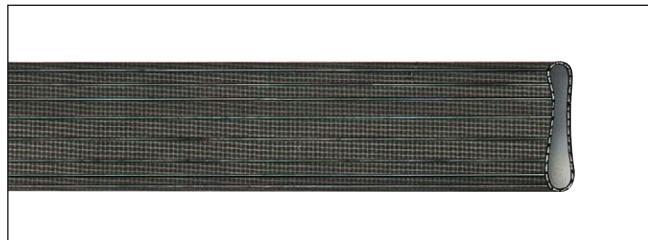
ABA-clamps:
6060



(see catalogue 12-K P. 73)

Cutted length possible.

Agriflat



Marking:

Layflat multi-function hose

Fire-fighting, water and air handling hose. Oil-fuel and acid resistant. Also suitable for dung, irrigation and draining applications. High tensile strength, heavy duty polyester/polyamide yarns. Fully embedded in the rubber compound. Ozone- and weather resistant, space saving and easy handling.

Temperature range : -20°C / +100°C (water)

Construction : NBR/PVC compound, pressed through the textile in an extrusion process. Cover black ribbed for good abrasion resistance and protection against contact with heat.

Coil length : possible till 200 meter upon request

ø Inner mm	Wall mm	PN/bar at 20°C	PB/bar	kg/mtr	Length mtr	Art.-No.
19,5	2	25	75	0,160	20 / 100	3070 019000
25,5	2	25	75	0,180	20 / 100	3070 025000
32	2	20	60	0,230	100	3070 032000
38	2	16	50	0,280	20 / 100	3070 038000
52	2,2	16	50	0,370	20 / 100	3070 050000
65	2,2	16	50	0,510	100	3070 063000
76	2,5	16	50	0,680	20 / 100	3070 075000
90	2,8	16	50	0,900	100	3070 090000
102	2,8	16	50	1,000	20 / 100	3070 100000
127	3	15	45	1,400	20 / 100	3070 125000
152	3	14	42	1,700	20 / 50	3070 150000
203	3,3	10	30	2,400	50	3070 200000

We recommend assembly with:

couplings system

Perrot:
5721

(see catalogue 12-K P. 21)



couplings system

Bauer:
5710

(see catalogue 12-K P. 20)



Mikalor-Supra-clamps:
6202

(see catalogue 12-K P. 77)



Cutted length possible.

Inducord®



Waterpressurehose for industrial applications

Waterpressurehose suitable for industrial water, dung, mud, waste water. Strong and robust.

Working pressure	: 10 bar (ID 254 mm 6 bar)
Burst pressure	: 30 bar (ID 254 mm 18 bar)
Temperature range	: -30°C / +80°C
Tube	: SBR, black, smooth
Cover	: SBR, black, smooth fabric finish

Marking: INDUCORD® WATER / WASSER PN 10 BAR (ID 254 MM 6 BAR)

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
22	4	30	40	3040 022000
25	5	35	40	3040 025000
28	5	38	40	3040 028000
32	5,5	43	40	3040 032000
35	5,5	46	40	3040 035000
38	6	50	40	3040 038000
40	6	52	40	3040 040000
42	6	54	40	3040 042000
45	6	57	40	3040 045000
48	6	60	40	3040 048000
51	6,5	64	40	3040 050000
60	6,5	73	40	3040 060000
63	8	79	40	3040 063000
70	7	84	40	3040 070000
76	7	90	40	3040 075000
80	7,5	95	40	3040 080000
90	7,5	105	40	3040 090000
102	7	116	40	3040 100000
110	8	126	20	3040 110000
127	8,5	144	20	3040 125000
152	9	170	20	3040 150000
203	10,5	224	20	3040 200000
254	10,5	275	10	3040 250000

We recommend assembly with:

couplings system
Kamlok:
5510
(see catalogue 12-K P. 24)



Storz-couplings:
5110

(see catalogue 12-K P. 11)



Mikalor-Supra-clamps:
6202

(see catalogue 12-K P. 77)



Cutted length possible.

Inducord® / Glasfiber



Water-coolanthose, with glassfiber cover, heatresistant

Waterhose with heat-insulating properties, for melting furnaces, steel works, glassworks, foundries and sites dealing with high temperatures.

Working pressure : 20 bar
 Burst pressure : 60 bar
 Temperature range : +100°C Water temperature till +450°C heat radiation
 Tube : EPDM, white, electrical insulating
 Cover : Glassfiber plies, white smooth

Ø Inner mm	Wall mm	Ø Outer mm	Length mtr	Art.-No.
13	6	25	40	3042 013025
19	6	31	40	3042 019031
25	7	39	40	3042 025039
32	8	48	40	3042 032048
38	10	58	40	3042 038058
40	8,5	57	40	3042 040057
42	9	60	40	3042 042000
45	8,5	62	40	3042 045062
50	10	70	40	3042 050000
76	10	96	40	3042 076096

We recommend assembly with:

Flanges:
5614



(see catalogue 12-K P. 46)

Safety clamps:
5560



(see catalogue 12-K P. 84)

Cutted length possible.

Cleanflex



High pressure cleaning hose 1 SN and 2 SN

High pressure water cleaning hose for almost all high pressure cleaning equipment. Assembled with couplings on both sides.

Hose Construction	: Special synthetic rubber with 1 braided steel (1 SN) or 2 braided steel reinforcements (2 SN).	
Working pressure	1 SN: 230 bar	2 SN: 400 bar
Burst pressure	1 SN: 860 bar	2 SN: 1400 bar
Temperature range	: -40°C till +150°C	
Couplings	: See schedule mentioned below	
Colour	: black	

Hose ID	Length mtr.	Connection both sides female thread	Colour	Working pressure	Art.-No.
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5/16"	10	3/8" BSP	black	230 bar	3047 008000
5/16"	15	3/8" BSP	black	230 bar	3047 008001
5/16"	20	3/8" BSP	black	230 bar	3047 008002
5/16"	10	3/8" BSP	black	400 bar	3047 008003
5/16"	10	5/16" M22x1,5	black	400 bar	3047 008004
5/16"	15	3/8" BSP	black	400 bar	3047 008005
5/16"	15	5/16" M22x1,5	black	400 bar	3047 008006
5/16"	20	3/8" BSP	black	400 bar	3047 008007
5/16"	20	5/16" M22x1,5	black	400 bar	3047 008008

Cleanflex/blue



High Pressure cleaning hose 2 SN

High pressure water cleaning hose for almost all high pressure cleaning equipment. Assembled with couplings on both sides.

Hose Construction	: Special synthetic rubber with 2 braided steel reinforcements (2 SN)	
Working pressure	: 400 bar	
Burst pressure	: 1400 bar	
Temperature range	: -40°C till +150°C	
Couplings	: See schedule mentioned below	
Colour	: blue	

Hose ID	Length mtr.	Connection both sides female thread	Colour	Working pressure	Art.-No.
---------	-------------	-------------------------------------	--------	------------------	----------

5/16"	10	3/8" BSP	blue	400 bar	3048 008000
5/16"	15	3/8" BSP	blue	400 bar	3048 008001
5/16"	20	3/8" BSP	blue	400 bar	3048 008002

Cosmo®



Marking: COSMO® - SIZE - REG. EU 10/2011

Thermoplastic suction/dischargehose

for industrial, agricultural watersuction under light duty conditions. Kinkproof and flexible multi-purposehose.

Norm	: EU 10/2011 Cat. A, B, C
Vacuum	: 0,6 bar
Temperature range	: -15°C / +60°C
Construction	: Thermoplastic, green transparent smooth inside, corrugated outside, white rigid PVC spiral reinforced
Bending radius	: 4 x inner diameter

Ø Inner mm	Ø Outer mm	kg/mtr	Length mtr	Art.-No.
20	26	0,230	50	4400 020000
25	31	0,280	50	4400 025000
32	39	0,380	50	4400 032000
38	45	0,480	50	4400 038000
51	59	0,750	50	4400 050000
60	69	0,970	50	4400 060000
63	72	1,000	50	4400 063000
76	86	1,350	50	4400 075000
90	102	1,800	50	4400 090000
102	114	2,200	50	4400 100000

We recommend assembly with:

couplings system
Kamlok:
5510

(see catalogue 12-K P. 24)



Storz-couplings:
5124

(see catalogue 12-K P. 12)



Superclamps:
6200

(see catalogue 12-K P. 76)



Cutted length possible.

Cosmo® Elastico



Marking: COSMO® ELASTICO - SIZE - REG. EU 10/2011

Thermoplastic suction / dischargehose

for industrial, agricultural watersuction under light duty conditions. Superflexible multi-purposehose.

Norm	: EU 10/2011 Cat. A, B, C
Vacuum	: 0,6 bar
Temperature range	: -15°C / +60°C
Construction	: Thermoplastic, dark green transparent smooth inside, corrugated outside, white rigid PVC spiral reinforced
Bending radius	: 4 x inner diameter

Ø Inner mm	Ø Outer mm	kg/mtr	Length mtr	Art.-No.
40	47	0,560	50	4405 040000
51	59	0,850	50	4405 050000

We recommend assembly with:

couplings system
Kamlok:
5510

(see catalogue 12-K P. 24)



Storz-couplings:
5124

(see catalogue 12-K P. 12)



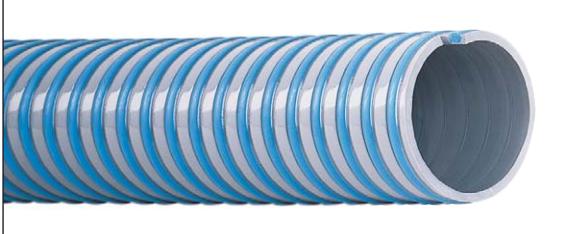
Superclamps:
6200

(see catalogue 12-K P. 76)



Cutted length possible.

Superelastico



Marking: ° SUPERELASTICO - SIZE

Medium-duty thermoplastic suction/discharge hose
for industrial water, waste-water, dung a.o. High-quality PVC-compound with rigid PVC spiral, offering an extremely flexible hose, also under cold circumstances.

Vacuum	: 0,9 bar
Temperature range	: -25°C / +60°C
Construction	: PVC, grey with blue spiral, inside smooth, outside corrugated
Bending radius	: 3,5 x inner diameter

* Regarding the overpressure we would like to refer to the guidelines for the right use of the hoses which are mentioned on page 4 in this catalogue.

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C*	kg/mtr	Length mtr	Art.-No.
25	4,2	33	7	0,400	50	4450 025000
32	4,7	41	6	0,540	50	4450 032000
38	4,7	47	6	0,650	50	4450 038000
51	5,7	62	5	0,950	50	4450 050000
63	5,7	74	4,5	1,130	50	4450 063000
76	6	88	4	1,600	50	4450 075000
90	6,4	103	3,5	1,850	50	4450 090000
102	6,7	115	3	2,200	50	4450 100000
110	7	124	3	2,400	20	4450 110000
127	8	143	2,5	3,100	20	4450 125000
152	9	170	2	4,200	4/5/6/20	4450 150000
203	12,5	228	1,5	7,800	4/5/6	4450 200000

We recommend assembly with:

couplings system

Perrot:
5721

(see catalogue 12-K P. 21)



couplings system

Bauer:
5710

(see catalogue 12-K P. 20)



Mikalor-Supra-clamps:

6202

(see catalogue 12-K P. 77)



Cutted length possible.

Superelastico / AS



Marking: ° SUPERELASTICO / AS - HP - M - SIZE

Medium-duty thermoplastic suction/discharge hose
for industrial water, waste-water, dung a.o. High-quality PVC-compound with rigid PVC spiral and static wire, inside smooth, outside corrugated

Vacuum	: 0,9 bar
Temperature range	: -25°C / +60°C
Construction	: PVC, grey, with anthracite rigid spiral and static wire, inside smooth, outside corrugated
Bending radius	: 3,5 x inner diameter

* Regarding the overpressure we would like to refer to the guidelines for the right use of the hoses which are mentioned on page 4 in this catalogue.

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C*	kg/mtr	Length mtr	Art.-No.
51	5,3	62	2	0,820	50	4455 050000
76	5,8	88	2	1,550	50	4455 075000
102	6,7	115	2	2,350	50	4455 100000
127	8	143	2	3,180	30	4455 125000
152	9	170	2	4,280	20	4455 150000

We recommend assembly with:

couplings system

Perrot:
5721

(see catalogue 12-K P. 21)



couplings system

Bauer:
5710

(see catalogue 12-K P. 20)



Mikalor-Supra-clamps:

6202

(see catalogue 12-K P. 77)



Cutted length possible.

Armoflex



Thermoplastic suction/discharge hose

heavy duty spiral reinforced hose for water, potable water, mud, dung, industrial cleaning a.o. Very flexible and kink proof, non-toxic quality (cadmium-and lead free).

Norm	: EU 10/2011 Cat. A, B, C
Vacuum	: 0,9 bar
Temperature range	: -15°C / +60°C
Construction	: Thermoplastic, transparent, smooth, fully incorporated steel wire helix
Bending radius	: 3 x Inner diameter
Also possible in version	: Armoflex Oil (P. 67) a. Armoflex PU (P. 53)

Marking: **ARMOFLEX® - SIZE**
- REG. EU 10/2011

* Regarding the overpressure we would like to refer to the guidelines for the right use of the hoses which are mentioned on page 4 in this catalogue.

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C*	kg/mtr	Length mtr	Art.-No.
10	3	16	10	0,200	30	4480 010000
12	3	18	9	0,210	30	4480 012000
14	3	20	9	0,230	50	4480 014000
16	3	22	9	0,260	50	4480 016000
18	3	24	8	0,320	50	4480 018000
20	3,5	27	8	0,360	50	4480 020000
25	4	33	8	0,500	50	4480 025000
32	4	40	8	0,680	50	4480 032000
38	4,5	47	7	0,820	50	4480 038000
40	4,5	49	7	0,900	50	4480 040000
45	4,5	54	6	1,100	50	4480 045000
51	5	61	5	1,280	50	4480 050000
60	5,5	71	5	1,750	30	4480 060000
63	6	75	5	1,800	30	4480 063000
76	6	88	4	2,400	30	4480 075000
80	6,5	93	4	2,570	30	4480 080000
90	6,5	103	4	2,950	20	4480 090000
102	7	116	3	3,800	20	4480 100000
110	8	125	3	4,200	20	4480 110000
127	8	143	3	4,800	20	4480 125000
152	8,5	169	2	6,500	20	4480 150000

We recommend assembly with:

couplings system

Kamlok:
5510

(see catalogue 12-K P. 24)



Storz-couplings:
5124

(see catalogue 12-K P. 12)



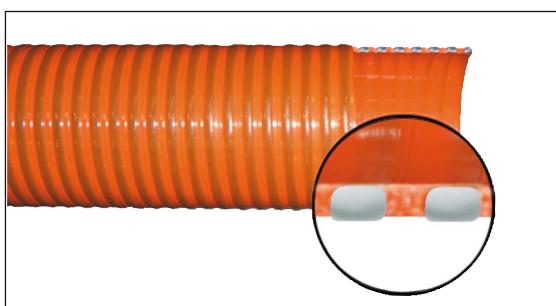
Mikalor-Supra-clamps:
6202

(see catalogue 12-K P. 77)



Cutted length possible.

Quadriflex



Thermoplastic suction hose

for industrial water, waste water, slurry, bilge, dung, irrigation and others. The hose has an oval spiral instead of a round one. Benefits are a considerable weight reduction, a smooth cover wider range of applications, without concessions to flexibility and bending radius.

Vacuum	: 0,9 bar
Temperature range	: -25°C / +60°C
Construction	: Thermoplastic, orange colour, incorporated oval PVC spiral in grey colour
Bending radius	: 4 x inside diameter

Marking: QUADRIFLEX - SIZE - PROD. CODE

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
51	4,5	60	0,950	50	4460 050000
76	5	86	1,550	50	4460 075000
80	5	90	1,700	50	4460 080000
90	5	100	1,950	50	4460 090000
102	6	114	2,350	50	4460 100000
110	5,5	121	2,600	30	4460 110000
127	6,5	140	3,200	20	4460 125000
152	7,5	167	4,400	4/5/20	4460 150000

We recommend assembly with:

couplings system



Perrot:

5721

(see catalogue 12-K P. 21)

couplings system



Bauer:

5710

(see catalogue 12-K P. 20)

Superclamps:

6200



(see catalogue 12-K P. 76)

Cutted length possible.

Deltaflex®



Rubber suctionhose for industry, agriculture, construction applications

Straight lengths with both sides spiralfree cuffs for easy assembly of couplings. Flexible and kink-proof hose for high vacuum and modest pressure.

Working pressure	: max. 3 bar
Vacuum	: 0,9 bar
Temperature range	: -30°C / +80°C
Tube	: SBR, black, smooth
Cover	: SBR, black, corrugated, fabric finish
Reinforcements	: steel wire helix, textile cords
Bending radius	: 3,5 x Inner diameter

Can also be supplied with incorporated „static-wires“. Other lengths upon request.

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
50	5	60	2/3/5/6	3600 050***
76	6	88	2/3/4/5/6	3600 075***
102	7	116	2/3/4/5/6	3600 100***
110	7	124	3/4/4.90	3600 110***
127	8	143	3/5/6	3600 125***
152	9	170	3/4/5/6	3600 150***
203	11	225	2/3/4/5/6	3600 200***

*** Item number is not completely

We recommend assembly with:

couplings system



Perrot:

5721

(see catalogue 12-K P. 21)

couplings system



Bauer:

5710

(see catalogue 12-K P. 20)

Superclamps:

6200



(see catalogue 12-K P. 76)

Heduflex®



Marking: HEDUFLEX® S/D PN 10 BAR
(203/254/305MM PN 6 BAR)

Rubber suction/dischargehose, multi-purpose
for industrial water, dung, drainage, vacumpumps, where a kinkproof and heavy duty application is required. The quality permits a rough handling application.

Working pressure	: 10 bar (ID 203/254/305 mm 6 bar)
Burst pressure	: 30 bar (ID 203/254/305 mm 18 bar)
Vacuum	: 0,8 bar
Temperature range	: -30°C / +80°C
Tube	: SBR, black, smooth
Cover	: SBR, black, smooth fabric finish,
Reinforcements	: textile plies, steelwire helix
Bending radius	: 5x Inner diameter

Ø Inner mm	Wall mm	Ø Outer mm	Length mtr	Art.-No.
19	5,5	30	40	3640 019000
25	5	35	40	3640 025000
32	5,5	43	40	3640 032000
38	6	50	40	3640 038000
40	6	52	40	3640 040000
51	6,5	64	40	3640 050000
60	6,5	73	40	3640 060000
63	8	79	40	3640 063000
70	7	84	40	3640 070000
76	7	90	20/40	3640 075000
80	7,5	95	40	3640 080000
90	7,5	105	40	3640 090000
102	7	116	10/20/40	3640 100000
110	8	126	20	3640 110000
127	8,5	144	20	3640 125000
152	9	170	20	3640 150000
203*	10,5	224	5/6	3640 200000
254*	10,5	275	5/6	3640 250000
305*	10,5	326	3/4/5/6	3640 300000

We recommend assembly with:

couplings system

Perrot:

5721

(see catalogue 12-K P. 21)



couplings system

Bauer:

5710

(see catalogue 12-K P. 20)



Mikalor-Supra clamps:

6202

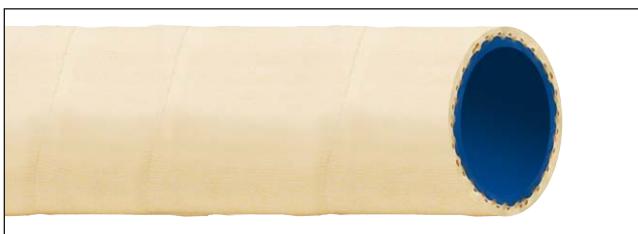
(see catalogue 12-K P. 77)



Cutted length possible

*no cutted length possible

SANY-BOAT



Marking:  **SANYBOAT - IMPERMEABLE AND ODOURLESS HOSE W.P. 7 BAR - 100 PSI - 5 YEARS GUARANTEE**

Sanitary hose

for boats and yachts. Diffusion free and odourless. Resistant to the growth of bacteria with a low friction factor, suitable for acids and bases. With five years guarantee against odour.

Working pressure	:	7 bar
Burst pressure	:	21 bar
Vacuum	:	0,9 bar
Temperature range	:	-30°C / +80°C
Tube	:	Special blue rubber, smooth, odourless
Cover	:	Special white rubber with vanilla smell. Ageing, sea water, weather conditions and cleansing resistant
Reinforcements	:	with steelwire helix and textile plies

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
25	5	35	61	3460 025000
38	5	48	61	3460 038000

Cutted length possible

Inducord®/ Lancia



Industrial waterhose with conical end

for cleaning floors and shipdecks. The conical hose end can easily be closed by hand and allows a regular pressure.

Working pressure	:	10 bar
Burst pressure	:	30 bar
Temperature range	:	-20°C / +80°C
Tube	:	synthetic rubber, black, smooth
Cover	:	synthetic rubber, black, smooth fabric finish

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
25	5	35	15	3043 025000
32	6	44	15	3043 032000
38	6	50	15/20/25	3043 038000

We recommend assembly with:

Storz-couplings:
5110

(see catalogue 12-K P. 11)



PaRi-clamps:
6170

(see catalogue 12-K P. 81)



Carboform/EN/ISO - fuel hose

for small boats up to 24 meters, see section
oil- and petrol hoses page 63.

Tubimar® / Lloyds



Marking: ITALY SCAMO/SP® MARINE WET
EXHAUST LLOYD'S
REGISTER nr. 96/00127 (E4) RINA nr. DIP 061008CS-20/03/08
SAE J 2006:03 R2-ISO 13363:04
Type 2 CLASS B-(Ø quarter/year)

Marine exhaust hose

Also suitable for cooling the heat exchangers on yachts.
According SAE J 2006: 03 R2 -ISO 13363: 04 TYPE 2 CLASS B.

Norm	: Lloyd's Register – 0474 R.I.N.A
Temperature range	: -30°C / +85°C
Burst pressure	: > 2,5 bar
Tube	: Black, smooth, exhaust and sea water resistant rubber
Cover	: Black, resistant to abrasion, heat and marine environment. Corrugated
Insertions	: Textile plies and helix wire

ø Inner mm	Length mtr	Bending radius	Art.-No.
40	20	80	3737 040000
45	20	90	3737 045000
51	20	100	3737 050000
60	20	120	3737 060000
76	20	150	3737 075000
90	20	180	3737 090000
102	20	200	3737 100000
127	20	250	3737 125000

Cutted length possible.

Inducord® / TC



Tankcleaning hose

Tank cleaning hose designed for the cleaning of tanks by using a rotating head. Due to its special structure the hose is remaining its length under heavy working conditions. Hose is provided with yellow rings at 5 meter intervals.

Working pressure	: 20 bar
Burst pressure	: 60 bar
Temperature range	: -30°C / +95°C
Tube	: EPDM, black, smooth
Cover	: EPDM, black with fabric finish
Reinforcements	: High strength textile plies and two stainless steel wires
Bending radius	: 8 x Inner diameter

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
38	8	54	1,45	60	3045 038000
51	8	67	2,03	60	3045 050000

We recommend assembly with:

couplings system

Kamlok:

5600

(see catalogue 12-K P. 38)



Stainless Steel Safety clamps:
5561

(see catalogue 12-K P. 84)



Cutted length possible.

Radiacord®



Radiator-and hotwaterhose

for pumps in engines and machines. Also for low-pressure hotwater purposes. Resistant against cooling liquids.

Working pressure	: 4 bar
Temperature range	: -30°C / +110°C
Tube	: EPDM, black, smooth
Cover	: EPDM, black, smooth, fabric finish
* Extruded version - tube and cover smooth	

Marking: RADIACORD® PN 4 BAR MAX. 110° C

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
10*	3	16	40	3100 010000
13*	3,5	20	40	3100 013000
15*	3,5	22	40	3100 015000
18*	3,5	25	40	3100 018000
20*	3,5	27	40	3100 020000
22*	3,5	29	40	3100 022000
25*	3,5	32	40	3100 025000
28	3,5	35	40	3100 028000
30	4	38	40	3100 030000
32	3,5	39	40	3100 032000
35	3,5	42	40	3100 035000
38	3,5	45	40	3100 038000
40	3,5	47	40	3100 040000
42	3,5	49	40	3100 042000
45	4	53	40	3100 045000
48	4	56	40	3100 048000
50	4,5	59	40	3100 050000
60	5	70	40	3100 060000
63	5	73	40	3100 063000
76	4	84	40	3100 075000
90	4	98	20	3100 090000
102	4	110	40	3100 100000
110	6	122	20	3100 110000

We recommend assembly with:

Brass hose coupling
male with serrated tail:
5327

(see catalogue 12-K P. 8)



Hosetails steel
male threaded:
5340

(see catalogue 12-K P. 9)



ABA-clamps:
6060

(see catalogue 12-K P. 73)



Cutted length possible.

Radiacord® / DIN



Radiator and hotwaterhose. Long lengths
for pumps in engines and machines. Also for low-pressure hotwater purposes. Resistant against cooling liquids.

Norm	: DIN 73411 from July 1979
Working pressure	: 4 bar
Burst pressure	: 12 bar
Temperature range	: -30°C / +130°C
Tube	: EPDM, black, smooth
Cover	: CR, black, smooth fabric finish

Marking: RADIACORD® DIN 73411:1979 DN x DIAMETER YEAR/QUARTER

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
10	3	16	40	3116 */ 3117 010000
13	3,5	20	40	3116 */ 3117 013000
15	3,5	22	40	3116 */ 3117 015000
18	3,5	25	40	3116 */ 3117 018000
20	3,5	27	40	3116 */ 3117 020000
22	3,5	29	40	3116 */ 3117 022000
25	3,5	32	40	3116 */ 3117 025000
28	4	36	40	3116 */ 3117 028000
30	4	38	40	3116 */ 3117 030000
32	4	40	40	3116 */ 3117 032000
35	4	43	40	3116 */ 3117 035000
38	5	48	40	3116 */ 3117 038000
40	5	50	40	3116 */ 3117 040000
42	5	52	40	3116 */ 3117 042000
45	5	55	40	3116 */ 3117 045000
48	5	58	40	3116 */ 3117 048000
50	5	60	40	3116 */ 3117 050000
55	5	65	40	3116 */ 3117 055000
60	5	70	40	3116 */ 3117 060000
65	5	75	40	3116 */ 3117 065000
70	5	80	40	3116 */ 3117 070000
75	5	85	40	3116 */ 3117 075000
80	5	90	40	3116 */ 3117 080000
90	6	102	40	3116 */ 3117 090000
100	6	112	20	3116 */ 3117 100000
110	6	122	20	3116 */ 3117 110000
120	7	134	20	3116 */ 3117 120000

3116: straight 1 meter pieces

3117: full coil length, cutted length possible

We recommend assembly with:

Brass hose coupling
male with serrated tail:
5327



(see catalogue 12-K P. 8)

Hosetails steel
male threaded:
5340

(see catalogue 12-K P. 9)



ABA-clamps:
6060

(see catalogue 12-K P. 73)



Cutted length possible.

Vaporcord®



Marking: VAPORCORD® STEAMHOSE/DAMPFSCHLAUCH
PN 7 BAR – MAX. 164°C

Lowpressure steamhose

for hot water and saturated steam, reinforced with textile plies.
Rubber quality ensures good resistance against acids and chemicals.

Working pressure	: maximal 7 bar
Burst pressure	: 70 bar at 20°C
Temperature range	: -40°C maximum +164°C
Tube	: EPDM, black, smooth
Cover	: EPDM, black, smooth fabric finish, "pin-pricked".

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
10	5,5	21	40	3400 010000
13	5,5	24	40	3400 013000
19	7	33	40	3400 019000
25	7	39	40	3400 025000
32	7,5	47	40	3400 032000
38	9	56	40	3400 038000
50	9	68	40	3400 050000
63	10	83	40	3400 063000
76	11	98	40	3400 075000

We recommend assembly with:

Boss-couplings:
5410



(see catalogue 12-K P. 48)

Boss-clamps:
5420



(see catalogue 12-K P. 48)

Steam hose couplings:
5430



Cutted length possible.

Metalvapor® EN/ISO



Marking: METALVAPOR® - ITR -
EN/ISO 6134:2005 - 2A-STEAM – 18 BAR
– 210°C – DIAMETER - Ω -
QUARTER / YEAR

Highpressure steamhose

Steel braided reinforced heavy duty steamhose for hot water and saturated steam-appliance up to 18 bar

Norm	: EN/ISO 6134 Type 2/A
Working pressure	: 18 bar
Burst pressure	: 180 bar at 20°C
Temperature range	: -40°C / max. +210°C
Electrical resistance	: <10 ⁶ Ω
Tube	: IIR, black, smooth
Cover	: IIR/EPDM, black, smooth fabric finish
Reinforcements	: 2 steel braids

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
13	6	25	40	3411 013000
19	6,75	32,5	15/20/40	3411 019000
25	7,25	39,5	20/40	3411 025000
32	8	48	40	3411 032000
38	8	54	40	3411 038000
51	9	69	40	3411 050000

We recommend assembly with:

Boss-couplings:
5410



(see catalogue 12-K P. 48)

Boss-clamps:
5420



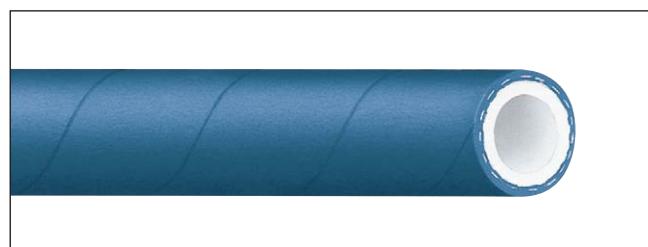
(see catalogue 12-K P. 48)

Steam hose couplings:
5430



Cutted length possible.

Vaporcord® / Alim



Lowpressure steamhose

for hotwater and steam appliances in food-processing industry, butcheries, a.o. Hosecover is resistant against lactic acid, animal- and vegetable fats, and is in non-staining quality. Not suitable for poultry fat.

Working pressure	: 7 bar
Burst pressure	: 70 bar
Temperature range	: maximum +164°C
Tube	: EPDM, white, smooth
Cover	: EPDM, blue, smooth fabric finish

Marking: ° VAPORCORD® ALIM STEAMHOSE / DAMPFSCHLAUCH PN 7 BAR MAX. 164° C

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
13	5	23	40	3405 013000
19	6	31	40	3405 019000
25	6	37	40	3405 025000
32	7	46	40	3405 032000
38	8	54	40	3405 038000
50	8	66	40	3405 050000

We recommend assembly with:

Boss-couplings:
5410



(see catalogue 12-K P. 48)

Boss-clamps:
5420

(see catalogue 12-K P. 48)



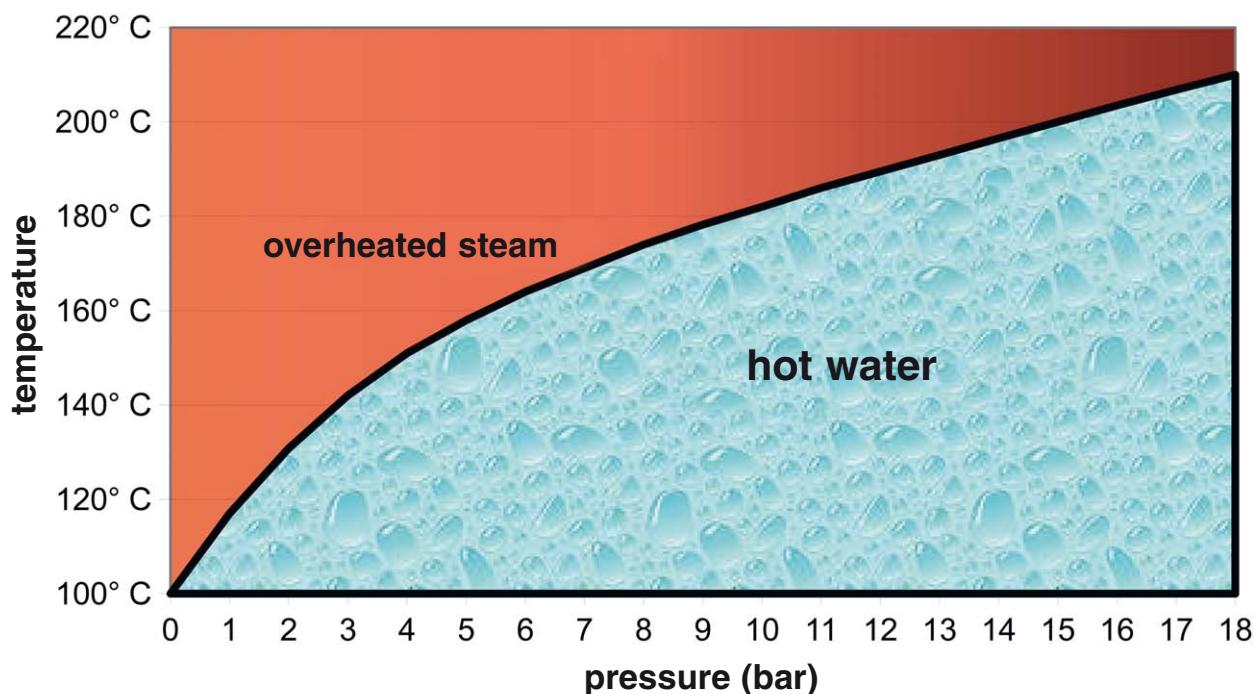
Steam hose couplings:
5430



(see catalogue 12-K P. 49)

Cutted length possible.

Steam diagram



Nutrix



Marking: ° NUTRIX-DIAMETER-
REG 10/2011 - SIM. A-B-C-D1-D2

Alimentary hose

for liquid milk, midfats, juices, potable water, beers, wines, animal and vegetable fat (except poultry fat) and oils. Easy to clean and resistant for steam/hot water disinfection up to maximal 120°C for a short period with most usable anti-bacterial chemicals. Please clean hose with hot water after using such chemicals

Norm

: Tested according EG-directions 10/2011 category A, B, C, D1 and D2 (previous EG 2002/72/CE, EG 1935/2004, EG 2007/19)

According test Nr. OM 2:
With food simulation test A, B, C, D1, D2 till 70°C for 2 hours, and up to 100°C up for 15 minutes.

According test Nr. OM 4:
With food simulation test B, C, D2 till 100°C for 1 hour under working condition

Working pressure : 20 bar
Burst pressure : 60 bar
Temperature range : -15°C till max. +95°C
Tube : TPE, white, smooth, no taste and odour
Cover : TPE, blue, smooth

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
10	3,5	17	0,220	40	4104 010000
13	3,5	20	0,250	40	4104 013000
16	4	24	0,340	40	4104 016000
19	4	27	0,390	40	4104 019000
25	4,5	34	0,570	40	4104 025000

We recommend assembly with:

GEKA-Plus-couplings:
5355



(see catalogue 12-K P. 68)

ABA-clamps:
6062

(see catalogue 12-K P. 74)



Nutrix/Extra



Marking: NUTRIX/EXTRA - DIAMETER -
REG 10/2011 - SIM. A-B-C-D1-D2

Alimentary hose

for liquid milk, midfats, juices, potable water, beers, wines, animal and vegetable fat, (except poultry fat) and oils. Easy to clean and resistant for steam/hot water disinfection up to maximal 120°C for a short period with most usable anti-bacterial chemicals. Please clean hose with hot water after using such chemicals.

Norm

: Tested according EG-directions 10/2011
category A, B, C, D1 and D2
(previous EG 2002/72/CE, EG
1935/2004, EG 2007/19)

According test Nr. OM 2:

With food simulation test A, B, C,
D1, D2 till 70°C for 2 hours, and up to
100°C for 15 minutes

According test Nr. OM 4:

With food simulation test B, C, D2
till 100°C for 1 hour under working
condition

Working pressure : 20 bar
Burst pressure : 60 bar
Temperature range : from -15°C till max. +95°C
Tube : TPE, white, smooth, no taste and odour
Cover : TPE, red, smooth

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
10	3,5	17	0,220	40	4105 010000
13	3,5	20	0,250	40	4105 013000
19	4	27	0,390	40	4105 019000

We recommend assembly with:

GEKA-Plus-couplings:
5355

(see catalogue 12-K P. 68)



ABA-clamps:
6062

(see catalogue 12-K P. 74)



Armoflex / Food



Marking: ° ARMOFLEX / FOOD SIZE REG EU 10/2011 - PROD-Code

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C*	kg/mtr	Length mtr	Art.-No.
20	3,5	27	8	0,360	30	4485 020000
25	4	33	8	0,500	30	4485 025000
32	4	40	8	0,680	30	4485 032000
38	4,5	47	7	0,820	30	4485 038000

We recommend assembly with:

couplings system

Kamlok:
5520

(see catalogue 12-K P. 32)



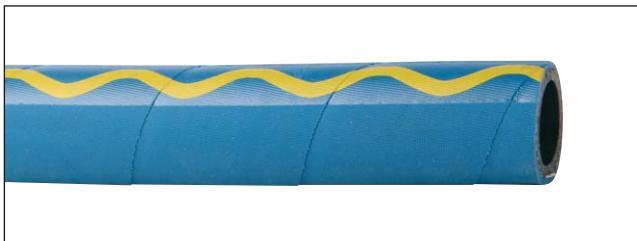
PaRi-clamps:
6170

(see catalogue 12-K P. 81)



Cutted length possible.

Aquapal



Marking: AQUAPAL TRINKWASSERSCHLAUCH PN 20
KTW „A“ UND DVGW - W270 GEPRÜFT

Rubber potable waterhose

Highly flexible delivery hose for cold and warm drinking water, tested according KTW norms, cat. A and DVGW-270

Temperature range :	-20°C / +90°C, intermittent till +130°C to sterilize
Tube	The special transparent, plastic inner lining free of plasticizers is homogeneous, smooth and absolutely neutral to taste and odour.
Cover	NBR, Resistant to abrasion, UV, fats and oils
Reinforcements	Synthetic fibers

ø Inner mm	ø Outer mm	Working pressure	kg/mtr	Length mtr	Art.-No.
13	20,2	20 bar	0,25	40	3490 013000
19	27,4	20 bar	0,42	40	3490 019000
25	34	20 bar	0,57	40	3490 025000

We recommend assembly with:

GEKA-Plus couplings:
5355

(see catalogue 12-K P. 68)



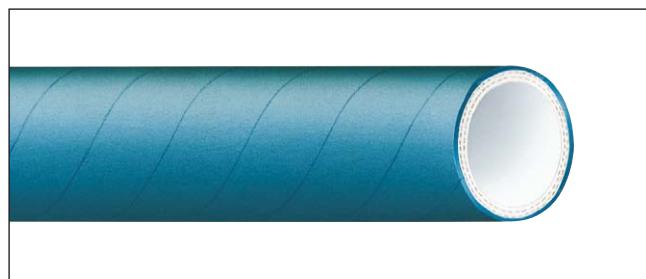
ABA-clamps:
6062

(see catalogue 12-K P. 74)



Cutted length possible.

Milkcord®



Marking: MILKCORD® MILKHOSE / MILCHSCHLAUCH – PN 10 BAR F.D.A. ONLY FOODSTUFFS / NUR FUER LEBENSMITTEL FDA + BGVV LOGO

Alimentary hose

Delivery hose for milk and fatty products, animal- and vegetable oils. For food processing industry, breweries a.o. Also for alcoholic contents till 15%. To be cleaned before and after use, to sterilize the tube.

Norm	: FDA-Quality (CRF21 § 177.2600) / BfRXXI Cat. 2 (previous BGA/BgVV) EG1935/2004/DM 21.1.73
Working pressure	: 10 bar
Burst pressure	: 30 bar
Temperature range	: -25°C / +90°C intermittent till 120°C to sterilize (for 30 minutes)
Tube	: Nitril, white, smooth, taste- and odourless FDA quality
Cover	: EPDM/NBR, blue, smooth fabric finish
Reinforcements	: textile plies

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
32	6	44	40	3450 032000
38	7	52	40	3450 038000
51	8	67	40	3450 050000
63	10	83	40	3450 063000

We recommend assembly with:

Food couplings:
5547



(see catalogue 12-K P. 67)

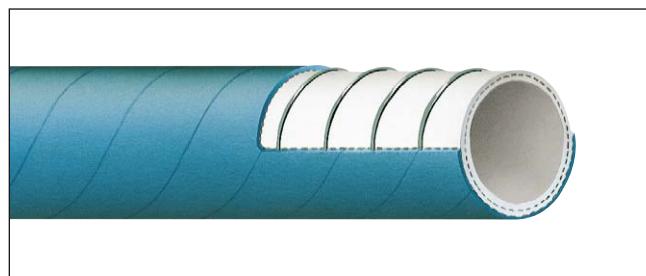
Stainless Steel Safety clamps:
5561



(see catalogue 12-K P. 84)

Cutted length possible.

Milkcord® / SP



Marking: MILKCORD® / SP MILKHOSE / MILCHSCHLAUCH S/D - PN 10 BAR F.D.A. ONLY FOODSTUFFS / NUR FUER LEBENSMITTEL FDA + BGVV LOGO

Alimentary suction/dischargehose

Suction-and discharge hose for milk, fatty products, animal- and vegetable oils. For food-processing industry, breweries a.o. Also for alcoholic contents till 15%. To be cleaned before and after use, to sterilize the tube.

Norm	: FDA-Quality (CRF21 § 177.2600) / BfRXXI Cat. 2 (previous BGA/BgVV) / EG1935/2004/DM 21.1.73
Working pressure	: 10 bar
Burst pressure	: 30 bar
Vacuum	: 0,9 bar (ID 76/102 = 0,8 bar)
Temperature range	: -25°C / +90°C intermittent till 120°C to sterilize (for 30 minutes)
Tube	: Nitrile, white, smooth, taste- and odourless, FDA quality
Cover	: EPDM /NBR, blue, smooth fabric finish
Reinforcements	: steel wire helix, textile plies

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art. -Nr.
32	6	44	40	3455 032000
38	7	52	40	3455 038000
51	7	65	40	3455 050000
63	8	79	40	3455 063000
76	8	92	40	3455 075000
102	10	122	20	3455 100000

We recommend assembly with:

Food couplings:
5547



(see catalogue 12-K P. 67)

Stainless-Steel Safety clamps:
5561



(see catalogue 12-K P. 84)

Cutted length possible.

Polyflex



PVC Airpressurehose

for air and water, restricted chemical resistant. Non-toxic PVC quality. Longitudinal red and blue marking yarns. Extremely good quality.

Norm : EU 10/2011 - CAT. A/B/C

Temperature range : -20°C / +60°C

Tube : PVC, transparent, smooth

Cover : PVC, transparent, smooth

Marking: ° POLYFLEX REG. EU 10/2011 - SIZE - PB XX BAR

ø Inner mm	Wall mm	ø Outer mm	PB/bar at 20°C	kg/mtr	Length mtr	Art.-No.
5	3	11	60	0,100	50	4200 005011
6	3	12	60	0,105	50	4200 006012
8	3	14	60	0,135	50	4200 008014
9	3	15	60	0,145	50	4200 009015
10	3	16	60	0,155	50	4200 010016
12	4,5	21	45	0,280	50	4200 012021
13	3	19	45	0,190	50	4200 013019
13	3,5	20	45	0,230	50	4200 013020
15	3	21	45	0,220	50	4200 015021
16	4	24	30	0,275	50	4200 016024
19	4	27	30	0,340	50	4200 019027
25	4,5	34	30	0,480	50	4200 025034
30	4	38	30	0,580	50	4200 030038
32	5	42	30	0,740	50	4200 032042
38	5	48	30	0,870	50	4200 038048
50	6	62	21	1,300	25	4200 050060

We recommend assembly with:

Quick release couplings:

5200

(see catalogue 12-K P. 50)



Quick release couplings:

5201

(see catalogue 12-K P. 51)



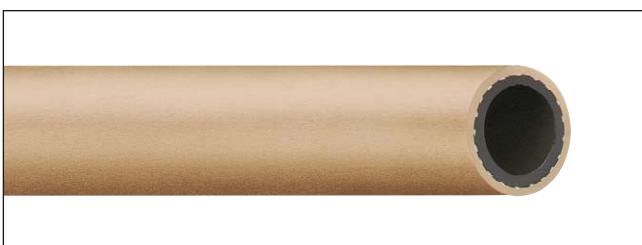
Pincher-clamps:

6030

(see catalogue 12-K P. 75)



Super Air



Thermoplastic airpressurehose

Easy-handling airhose for garages, domestic compressors.

Working pressure	: 20 bar (at 20°C)
Burst pressure	: 60 bar (at 20°C)
Temperature range	: -20°C / +60°C
Tube	: PVC, black, smooth
Cover	: PVC, beige, smooth

Marking: ° SUPER AIR PN 20 BAR

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
6	2,5	11	0,095	50	4210 006000
8	2,5	13	0,110	50	4210 008000
10	2,75	15,5	0,145	50	4210 010000
13	3	19	0,195	50	4210 013000
16	3,5	23	0,290	50	4210 016000
19	3,75	26,5	0,400	50	4210 019000
25	4,25	33,5	0,540	50	4210 025000

We recommend assembly with:

Quick release couplings:
5200



(see catalogue 12-K P. 50)

Quick release couplings:
5201



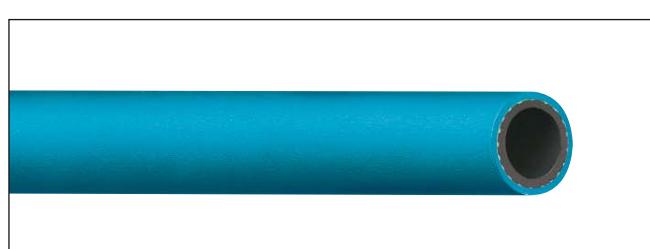
(see catalogue 12-K P. 51)

Pincher-clamps:
6030



(see catalogue 12-K P. 75)

Ariaform® / TPU



Polyurethane airpressure hose

for pneumatic tools. Excellent resistant against oil, fuel, fat acids and lye's. Polyester reinforced for handling pressure, lightweight and very abrasive resistant.

Working pressure	: 20 bar (at 20°C)
Burst pressure	: 60 bar (at 20°C)
Temperature range	: -20°C / +60°C
Tube	: Polyurethan, black, smooth
Cover	: Polyurethan/PVC blue, smooth

Marking: ° ARIAFORM® / TPU - DIAMETER MM - PN 20 BAR

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
6	2	10	0,070	50	4220 006000
8	2	12	0,085	50	4220 008000
9	2	13	0,100	50	4220 009000
10	2,25	14,5	0,115	50	4220 010000
13	2,5	18	0,165	50	4220 013000

We recommend assembly with:

Quick release couplings:
5200



(see catalogue 12-K P. 50)

Quick release couplings:
5201



(see catalogue 12-K P. 51)

Pincher-clamps:
6030



(see catalogue 12-K P. 75)

Niplaflex®



Multi-purposehose

for water, air, oil, petrol, grease, chemicals, pesticides a.o.
Ageing- and UV, non staining. AdBlue® approved.

Working pressure : 25 bar
Burst pressure : 75 bar
Temperature range : -20°C / +70°C
Tube : NBR/PVC, black, smooth seamless
Cover : NBR/PVC, black, smooth seamless

Marking: NIPLAFLEX® PN 25 BAR

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
6	3	12	0,110	100	3240 006000
8	3,5	15	0,150	100	3240 008000
9	3,5	16	0,185	100	3240 009000
10	3,5	17	0,190	100	3240 010000
13	4	21	0,280	100	3240 013000
19	4,5	28	0,440	50	3240 019000

We recommend assembly with:

Quick release couplings:
5200



(see catalogue 12-K P. 50)

Quick release couplings:
5201



(see catalogue 12-K P. 51)

Pincher-clamps:
6030



(see catalogue 12-K P. 75)

Cutted length possible.

Solvoform



Compressor-airhose

Grease- and oilmist resistant, for use in garages, workshops.

Working pressure : 20 bar
Burst pressure : 60 bar
Temperature range : -20°C / +60°C
Tube : TPE/TPU, black, smooth,
electrical resistance < 10°Ω
Cover : TPE, grey, smooth

Marking: SOLVOFORM + SIZE

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
6	4	14	50	3210 006000
8	3,5	15	50	3210 008000
10	3,5	17	50	3210 010000
13	4,5	22	50	3210 013000
19	4,5	28	50	3210 019000

We recommend assembly with:

Quick release couplings:
5200



(see catalogue 12-K P. 50)

Quick release couplings:
5201



(see catalogue 12-K P. 51)

Pincher-clamps:
6030



(see catalogue 12-K P. 75)

Ariaform®



Airpressure hose

Oilmist resistant airhose. Also for industrial water. for medium duty applications.

Working pressure	: 15 bar
Burst pressure	: 45 bar
Temperature range	: -30°C / +50°C
Tube	: black, smooth
Cover	: black, smooth UV- and ageing resistant

Marking: ARIAFORM® PN 15 BAR PB 45 BAR

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
16	5	26	0,410	50	3200 016026
19	4,5	28	0,475	25/50	3200 019027
25	5,5	36	0,775	40	3200 025036

We recommend assembly with:

Claw couplings:
5219

(see catalogue 12-K P. 52)



Hose clamps:
6305

(see catalogue 12-K P. 83)



Ariaform® / DIN



Airpressure hose

Oilmist resistant airhose, also for industrial water. For medium duty applications.

Norm	: DIN 20018
Working pressure	: 10 bar Air / 16 bar water
Burst pressure	: 54 bar
Temperature range	: -30°C / +50°C
Tube	: black, smooth
Cover	: black, smooth UV- and ageing resistant

Marking: ARIAFORM® PN 10/16 DIN 20018
YEAR – PB 54 BAR

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
6	3,5	13	0,140	40/100	3201 006000
8	3,5	15	0,175	40/100	3201 008000
9	3,5	16	0,205	40	3201 009000
10	4,5	19	0,290	40/100	3201 010000
13	5	23	0,400	40/50	3201 013000
15	6	27	0,480	40	3201 015000
19	6	31	0,590	20/40/50	3201 019031
25	7	39	0,900	40	3201 025000

We recommend assembly with:

Claw couplings:
5219

(see catalogue 12-K P. 52)



Hose clamps:
6305

(see catalogue 12-K P. 83)



Ariacord® / DIN



Marking: ARIACORD® PN 10/16 DIN 20018
YEAR - PB 40 BAR

Airpressurehose.

Oilmist resistant airhose, also for industrial water.

Norm	: DIN 20018
Working pressure	: 10 bar Air / 16 bar water
Burst pressure	: 40 bar
Temperature range:	-30°C / +50°C
Tube	: SBR, black, smooth,
Cover	: SBR, black fabric finish, UV-and ageing resistant

* Dimensions NOT according DIN

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
32	8	48	40	3220 032000
35	8	51	40	3220 035000
38*	6	50	40	3220 038000
42	9	60	40	3220 042000
51*	7	65	40	3220 050000
53	10	73	40	3220 053000
76	10	96	40	3220 075000

We recommend assembly with:

Complete screwing set:
5223



(see catalogue 12-K P. 54)

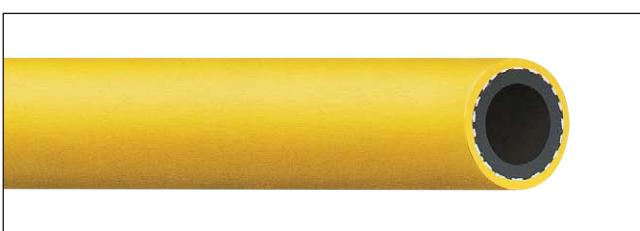
Hose clamps:
6305



(see catalogue 12-K P. 83)

Cutted length possible.

Ariaform® / yellow



Marking: ARIAFORM® PN 20 – YEAR – PB 60 BAR

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
13	5	23	0,400	40	3202 013023
19	6	31	0,590	20/40	3202 019031
25	7	39	0,900	40	3202 025039

We recommend assembly with:

Claw couplings:
5219



(see catalogue 12-K P. 52)

Airpressure hose

Oilmist resistant airhose. Also for industrial water.
For heavy duty applications.

Working pressure	: 20 bar
Burst pressure	: 60 bar
Temperature range	: -20°C / +50°C
Tube	: black, smooth
Cover	: yellow, smooth UV- and ageing resistant

Hose clamps:
6305



(see catalogue 12-K P. 83)

Ariacord® / yellow



Airpressure hose

Oilmist resistant airhose, also for industrial water.
For heavy duty airhandling in construction, mining industry a.o.

Working pressure : 20 bar
Burst pressure : 60 bar
Temperature range : -20°C / +70°C
Tube : SBR, black, smooth
Cover : SBR/EPDM, yellow, fabric finish
UV- and ageing resistant

Marking: ARIACORD® AIR/WATER LUFT/WASSER
PN 20 - PB 60 BAR

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
32	7	46	40	3225 032000
38	7	52	40	3225 038000
51	7,5	66	20/40	3225 050000
63	9,5	82	40	3225 063000
76	9,5	95	40	3225 075000

We recommend assembly with:

Complete screwing set:
5223



(see catalogue 12-K P. 54)

Hose clamps:
6305



(see catalogue 12-K P. 83)

Cutted length possible.

Nitrogen/Yellow



Nitrogen hose

High pressure hose for the use of nitrogen.

Working pressure : 25 bar
Burst pressure : 75 bar
Temperature range : -20°C / +60°C
Tube : TPE, black, smooth
Cover : TPE, yellow, smooth with 2 antistatic length stripes
Reinforcements : Textile plies (Aramid)

Marking: NITROGEN 19 x 30 mm ANTISTATIC
WP/BP 25/75 BAR batch nr.

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
19,5	5,25	30	20/40	3031 019000

We recommend assembly with:

Walther-couplings:
5222



(see catalogue 12-K P. 55)

Walther-couplings:
5225



(see catalogue 12-K P. 55)

Airbrake



Rubber airbrakehose according DIN 74310

for use in trucks, lorries a.o. Weather- and ageing resistant.

Norm	:	DIN 74310
Working pressure	:	10 bar
Burst pressure	:	25 bar
Temperature range	:	-40°C / +70°C
Tube	:	EPDM, black, smooth
Cover	:	EPDM, black, smooth

Marking: Producermark NW DIN 74310 YEAR/QUARTER

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
11	3,5	18	0,225	40	3215 011018
13	6	25	0,410	40	3215 013025

Respiroform



Marking: RESPIROFORM - EN 14594
CLASS B-S-H-F - YEAR

Thermoplastic air breathing hose

applicable for breathing air equipment and fire fighting purposes

Norm	:	EN 14594
Working pressure	:	30 bar
Burst pressure	:	90 bar
Temperature range	:	-20°C / +70°C
Tube	:	TPU, transparent, smooth
Cover	:	TPE, black, smooth, oil and heat resistant, flame retardant with 2 antistatic length stripes
Reinforcements	:	With textile plies

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
9,5	3,25	16	50	4221 010000

Maskpress



Marking: RUBBERHOSE FOR BREATHING MASK TO EN 14594 ANTISTATIC HEAT RESISTANT - MADE IN ITALY PRODUCER - YEAR/PROD. CODE

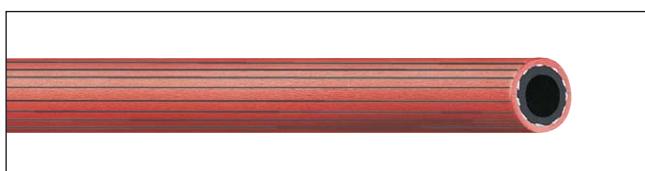
Rubber air breathing hose

for breathing air equipment, fire fighting purposes, tank cleaning and sand blasting operations.

Norm:	:	EN 14594
Working pressure	:	10 bar
Burst pressure	:	100 bar
Temperature range	:	-30°C / +80°C
Electr. Resistance	:	< 10 ⁸ Ω
Tube	:	NBR, black, smooth
Cover	:	NBR, black, smooth
Reinforcements	:	With textile plies

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
9,5	4,75	19	25/100	3221 010000

Saldaform® / red



Acetylene weldinghose according ISO 3821 for gas-welding.

Norm	: ISO 3821 (previous EN 559)
Working pressure	: 20 bar
Burst pressure	: 60 bar
Tube	: Synthetic rubber, black, smooth
Cover	: Synthetic rubber, red corrugated

Marking: ISO 3821 - 2MPa (20 BAR) - SIZE -
SALDAFORM®- YEAR

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
6	3,5	13	50	3255 006000
8	3,5	15	50	3255 008000
9	3,5	16	50	3255 009000

Saldaform® / red

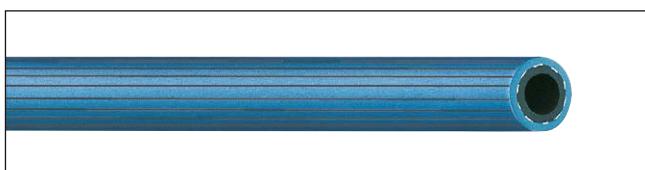


Acetylene weldinghose for gas-welding

Working pressure	: 18 bar
Burst pressure	: 54 bar
Tube	: Synthetic rubber, black, smooth
Cover	: Synthetic rubber, red smooth

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
13	4,5	22	50	3256 013000
15	5	25	50	3256 015000

Saldaform® / blue



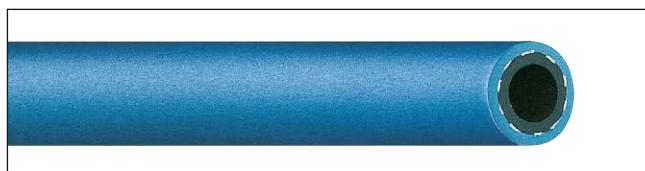
Oxygen weldinghose according ISO 3821 (previous EN559) for gas-welding

Norm	: ISO 3821 (previous EN 559)
Working pressure	: 20 bar
Burst pressure	: 60 bar
Tube	: Synthetic rubber, black, smooth
Cover	: Synthetic rubber, blue corrugated

Marking: ISO 3821 - 2MPa (20 BAR) - SIZE -
SALDAFORM® - YEAR

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
6	3,5	13	50	3250 006000
8	3,5	15	50	3250 008000
9	3,5	16	50	3250 009000

Saldaform® / blue

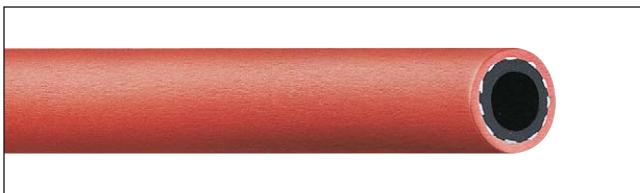


Oxygen weldinghose for gas-welding

Working pressure	: 18 bar
Burst pressure	: 54 bar
Tube	: Synthetic rubber, black, smooth
Cover	: Synthetic rubber, blue, smooth

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
13	4,5	22	50	3251 013000
15	5,0	25	50	3251 015000

Saldaform® / red



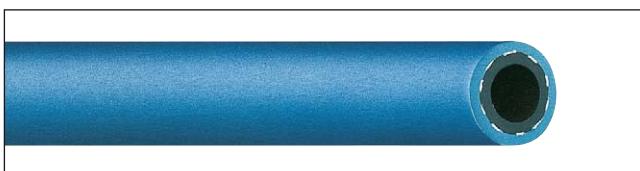
Acetylene hose according ISO 3821 for gas-welding

Norm	: ISO 3821 (previous EN 559)
Working pressure	: 20 bar
Burst pressure	: 60 bar
Tube	: Synthetic rubber, black, smooth
Cover	: Synthetic rubber, red, smooth

Marking: ISO 3821 - 2 MPa (20 BAR) - SIZE -
SALDAFORM® - YEAR

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
6	3,5	13	40	3256 006000
9	3,5	16	40	3256 009000

Saldaform® / blue



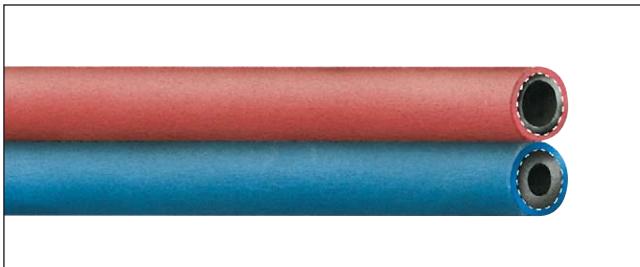
Oxygen weldinghose according ISO 3821 for gas-welding.

Norm	: ISO 3821 (previous EN 559)
Working pressure	: 20 bar
Burst pressure	: 60 bar
Tube	: Synthetic rubber, black, smooth
Cover	: Synthetic rubber, blue, smooth

Marking: ISO 3821 - 2 MPa (20 BAR) - SIZE -
SALDAFORM® - YEAR

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
6	3,5	13	40	3251 006013
6	5,0	16	40	3251 006000

Twin Hose



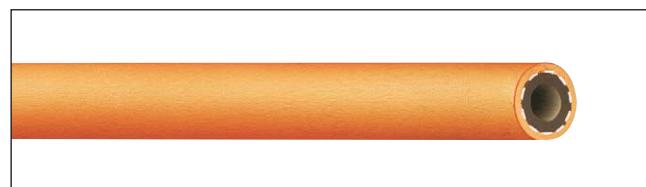
Dual-weldinghoses according ISO 3821 for acetylene and oxygen

Norm	: ISO 3821 (previous EN 559)
Working pressure	: 20 bar
Burst pressure	: 60 bar
Tube	: Synthetic rubber, black, smooth
Cover	: Synthetic rubber. Oxygen: blue, smooth Acetylene: red, smooth

Marking: ISO 3821 - 2 MPa (20 BAR) - SIZE -
SALDAFORM® - YEAR

ø Inner mm	Wall mm	Hose colour	Length mtr	Art.-No.
5	2,75	blue	50	3260 005005
5	2,75	red		
6	3,5	blue	40/50	3260 006006
6	3,5	red		
8	3,5	blue	50	3260 008008
8	3,5	red		
6	5,0	blue	40/50	3260 006009
9	3,5	red		
9	3,5	blue	50	3260 009009
9	3,5	red		

Robaform®



Marking: ISO 3821 - 2 MPa (20 BAR) SIZE ROBAFORM® - YEAR

Rubber Propanegas hose according ISO 3821

(previous EN 559)

for propane, butane and domestic gases Ageing-ozone and weather resistant

Norm	: ISO 3821 (previous EN 559)
Working pressure	: 20 bar
Burst pressure	: 60 bar
Temperature range	: -20°C / +60°C
Tube	: NBR, black, smooth
Cover	: NBR/CR, orange, smooth

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
8	3,5	15	50	3266 008050

Saldaform®/black



Marking: ISO 3821 2MPA/20BAR-IDmm
SALDAFORM AIR pressure/
Nitrogen/CO²/Argon

Autogene hose according ISO 3821 (previous En 559)

for Argon, CO₂, Nitrogen, and Air pressure

Norm	: ISO 3821 (previous EN 559)
Working pressure	: 20 bar
Burst pressure	: 60 bar
Tube	: Rubber, black, smooth
Cover	: Rubber, black, smooth

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
6	3,5	13	0,180	40	3262 006000
9	3,5	16	0,200	40	3262 009000

Twin Hose / PVC



Marking: PN 20 BAR

Dual remote control hose

Working pressure	: 20 bar
Burst pressure	: 60 bar
Tube	: PVC, black, smooth
Cover	: PVC, blue/grey, smooth

ø Inner mm	Wall mm	ø Outer mm	Colour	Length mtr	Art.-No.
6	2,5	11	blue	100	4260 006006
6	2,5	11	grey		

Cavocord



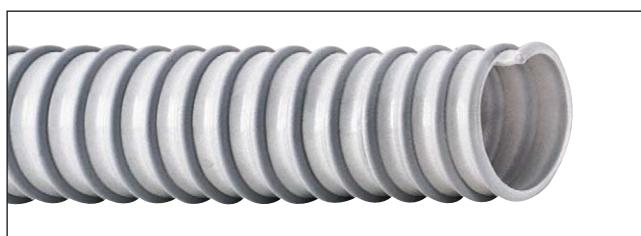
Cableprotectinghose

Cable covering and protectinghose. Used to protect hoses, lines, cables, especially for portable welding equipment.

Temperature range : -30°C / +80°C
 Tube : SBR, textile impregnated, white
 Cover : SBR, black, smooth fabric finish

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
20	1,5	23	40	3290 020000
22	1,5	25	40	3290 022000
25	1,5	28	40	3290 025000
28	1,5	31	40	3290 028000
30	1,5	33	40	3290 030000
32	1,5	35	40	3290 032000
35	1,5	38	40	3290 035000
40	2	44	40	3290 040000
45	2	49	40	3290 045000
51	2	55	40	3290 050000

Airflex®



PVC Ductinghose

for air, dust, fumes, gasses, smoke, chemical gasses a.o.
 Also for cable protection and used as flexible drain. Not suitable for hot fumes and gasses, or sparkles. Flexible and kink-proof.

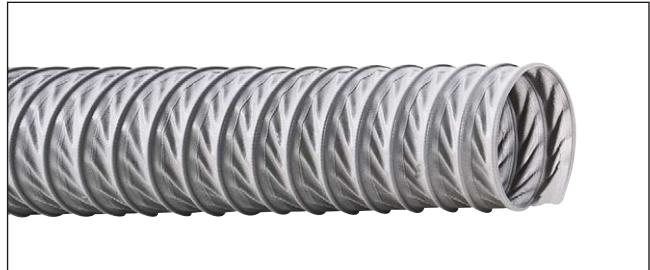
Temperature range : -15°C / +60°C
 Structure : PVC, grey, with embedded spiral of rigid PVC inside smooth, outside corrugated
 Bending radius : 1 times inside diameter

Marking: AIRFLEX® - DIAMETER

ø Inner mm	ø Outer mm	Vacuum bar	kg / mtr	Length mtr	Art.-No.
20	25	0,6	0,140	30	4500 020000
25	31	0,55	0,200	50	4500 025000
32	38	0,45	0,240	50	4500 032000
38	45	0,45	0,320	50	4500 038000
40	47	0,45	0,360	50	4500 040000
45	52	0,4	0,410	50	4500 045000
51	58	0,4	0,480	50	4500 050000
60	68	0,4	0,600	50	4500 060000
63	72	0,4	0,660	50	4500 063000
70	79	0,4	0,760	50	4500 070000
76	85	0,4	0,780	50	4500 075000
80	90	0,4	0,900	50	4500 080000
90	101	0,4	1,080	50	4500 090000
102	112	0,4	1,160	50	4500 100000
110	121	0,35	1,400	30	4500 110000
120	130	0,35	1,450	30	4500 120000
127	138	0,35	1,500	20	4500 125000
140	152	0,35	1,800	30	4500 140000
152	164	0,3	1,900	20	4500 150000
160	172	0,25	2,100	20	4500 160000
180	193	0,25	2,350	20	4500 180000
203	219	0,2	2,900	20	4500 200000
254	270	0,2	3,700	10	4500 250000
305	324	0,1	4,800	10	4500 300000

Cutted length possible.

Ventilazione® / LDA



Extractionhose for welding-fumes

for gasses, smoke, welding-fumes. Hose is fully compressible.

Airflow speed	: maximum 30 meter/sec.
Temperature range	: -10°C / +80°C
Construction	: plastified Polyestercloth, grey embedded steel wire helix

ø Inner mm	kg/mtr	Length mtr	Art.-No.
76	0,110	6	4535 076600
102	0,165	6	4535 102600
127	0,200	6	4535 127600
152	0,280	6	4535 150600
165	0,290	6	4535 160600
203	0,450	6	4535 200600

We recommend assembly with:

ABA-clamps:
6060

(see catalogue 12-K P. 73)



Mikalor-Supra-clamps:
6202

(see catalogue 12-K P. 77)



Ventilazione® / Calor



Ventilation-and ductinghose

for hot air, smoke, fumes, chemical gasses, with high temperature.
Not suitable for solid materials.

Temperature range	: -40°C / +120°C intermittant till +150°C
Construction	: Santoprene, black, with embedded steel spiral
Bending radius	: 1 x Inner diameter

ø Inner mm	kg/mtr	Length mtr	Art.-No.
51	0,250	20	4512 050000
60	0,300	20	4512 060000
70	0,440	20	4512 070000
76	0,470	20	4512 075000
80	0,500	20	4512 080000
90	0,580	20	4512 090000
102	0,620	15	4512 100000
110	0,660	15	4512 110000
127	0,840	15	4512 125000
140	0,950	15	4512 140000
152	1,030	15	4512 150000
160	1,100	15	4512 160000
180	1,350	15	4512 180000
203	1,500	15	4512 200000

We recommend assembly with:

ABA-clamps:
6060

(see catalogue 12-K P. 73)



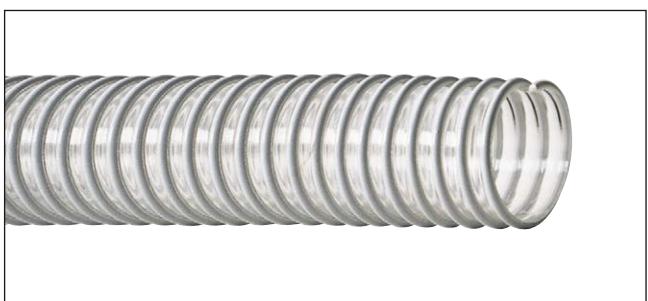
Mikalor-Supra-clamps:
6202

(see catalogue 12-K P. 77)



Cutted length possible.

Airflex® / PU



Polyurethane ducting hose

for air, dust, fumes, gasses, smoke, chemical gasses, powders, pulverized products and glass-or rock wool.
Flexible, kink proof and abrasion resistant. When bended the hose stays full bore as the PU material is forced to the outside, creating a full flow without obstruction.

Norm	: EU 10/2011 Cat. E
Temperature range	: -25°C / +85°C
Construction	: transparent Polyurethane, smooth inside, crushproof PVC spiral, corrugated cover
Bending radius	: 1 x inside diameter

Marking: AIRFLEX®/ PU - DIAMETER
- REG. EU 10/2011

ø Inner mm	PU-Wall mm	ø Outer mm	Vacuum bar	kg/mtr	Length mtr	Art.-No.
25	0,5	31	0,4	0,160	20	4600 025000
32	0,5	38	0,3	0,220	20	4600 032000
38	0,7	45	0,3	0,280	20	4600 038000
40	0,7	47	0,3	0,290	20	4600 040000
45	0,7	53	0,3	0,320	20	4600 045000
51	0,7	59	0,3	0,380	20	4600 050000
60	0,7	68	0,3	0,480	20	4600 060000
63	0,7	71	0,3	0,560	20	4600 063000
70	0,7	79	0,3	0,640	20	4600 070000
76	0,7	85	0,3	0,680	20	4600 075000
102	0,8	112	0,3	1,000	20	4600 100000
127	0,8	139	0,2	1,450	20	4600 125000
152	0,8	165	0,2	1,800	20	4600 150000
203	0,9	218	0,2	2,400	10	4600 200000
305	1,1	326	0,2	4,000	10	4600 300000

We recommend assembly with:

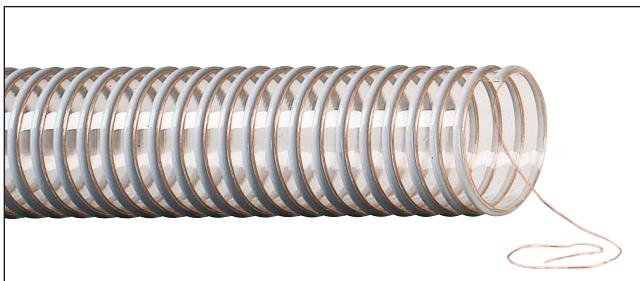
Mikalor-Supra-clamps:
6202

(see catalogue 12-K P. 77)



Cutted length possible.

Airflex® / PU / AS



Marking: AIRFLEX® / PU / AS - M - DIAMETER
- REG. EU 10/2011

Polyurethane ducting hose with static-wire

for air, dust, fumes, gasses, smoke, chemical gasses, powders, pulverized products and glass-or rock wool. Flexible, kink-proof and abrasion resistant. When bended the hose stays full bore as the PU material is forced to the outside, creating a full flow without obstruction.

Norm	: EU 10/2011 Cat. E
Temperature range	: -25°C / +85°C
Construction	: transparent Polyurethane, smooth inside, crushproof PVC spiral, corrugated cover and AS-wire
Bending radius	: 1 x inside diameter

ø Inner mm	PU-Wall mm	ø Outer mm	Vacuum bar	kg/mtr	Length mtr	Art.-No.
32	0,5	38	0,3	0,280	20	4601 032000
38	0,7	45	0,3	0,350	20	4601 038000
40	0,7	47	0,3	0,360	20	4601 040000
45	0,7	53	0,3	0,400	20	4601 045000
51	0,7	59	0,3	0,450	20	4601 050000
76	0,7	85	0,3	0,760	20	4601 075000
102	0,8	112	0,3	1,120	20	4601 100000

We recommend assembly with:

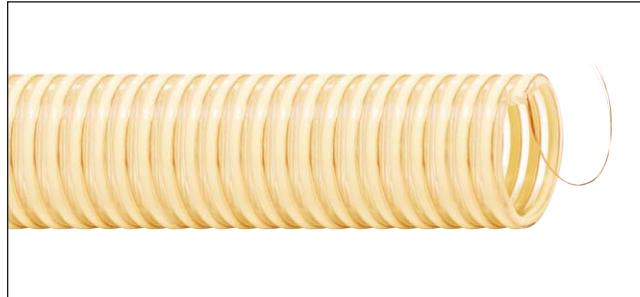
Mikalor-Supra-clamps:
6202

(see catalogue 12-K P. 77)



Cutted length possible.

Sciropo / AS



Marking: SCIROPPO / AS - M - DIAMETER -
- REG. EU 10/2011

Suction/dischargehose

for liquids, pulverized or grainshaped products, granulates, pellets etc.

Norm	: EU 10/2011 Cat. A, B, C
Vacuum	: 0,7 bar
Temperature range	: -15°C / +60°C
Construction	: PVC semi-transparent, smooth, embedded PVC spiral, white, PU protected static-wire
Bending radius	: 4 x inner diameter

* Regarding the overpressure we would like to refer to the guidelines for the right use of the hose which are mentioned on page 4 in this catalogue

ø Inner mm	ø Outer mm	PN/bar at 20°C*	kg/mtr	Length mtr	Art.-No.
32	38	7	0,430	50	4411 032000
40	47	6	0,600	50	4411 040000
51	59	5	0,850	50	4411 050000

We recommend assembly with:

couplings system
Kamlok:
5510



(see catalogue 12-K P. 24)

couplings system
Kamlok:
5511

(see catalogue 12-K P. 26)



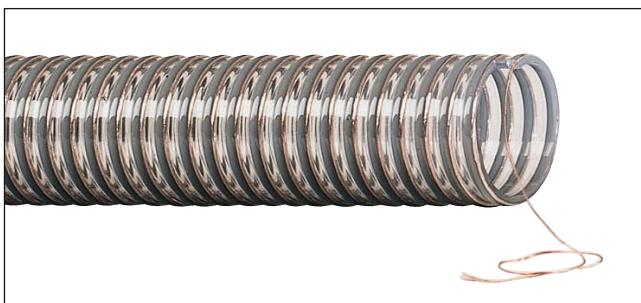
Mikalor-Supra-clamps:
6202



(see catalogue 12-K P. 77)

Cutted length possible.

Sciroppe / PU / AS



Marking: SCIROPPO / PU / AS - M - DIAMETER -
- REG. EU 10/2011

Food quality, abrasion resistant suction/dischargehose, light duty
for pulverized or grainshaped foodstuffs,
granulates and food stuff

Norm	:	EU 10/2011 Cat. E
Vacuum	:	0,7 bar
Temperature range	:	-15°C / +60°C
Tube	:	polyurethane, transparent, smooth, FDA quality, ca. 0,5 mm.
Cover	:	PVC, transparent, rigid PVC spiral grey, static-wire
Bending radius	:	4 x inner diameter

* Regarding the overpressure we would like to refer to the guidelines for the right use of the hose which are mentioned on page 4 in this catalogue

ø Inner mm	ø Outer mm	PN/bar at 20°C*	kg/mtr	Length mtr	Art.-No.
38	46	7	0,610	30	4602 038000
51	61	6,5	0,920	30	4602 050000
76	87	4	1,550	30	4602 075000
102	115	3,5	2,400	30	4602 100000

We recommend assembly with:

couplings system
Kamlok:
5510
(see catalogue 12-K P. 24)



couplings system
Kamlok:
5511
(see catalogue 12-K P. 26)



Mikalor-Supra-clamps:
6202
(see catalogue 12-K P. 77)



Cutted length possible.

Armoflex® / PU



Marking: ARMOFLEX® / PU - DIAMETER -
- REG. EU 10/2011

Suction/discharge hose.

EXTREMELY HIGH abrasive resistance

for powder- and pulverized products, grains, gravels, granulates, sand and corns. Excellent when extreme high abrasion-resistance is required.

Norm	:	EU 10/2011 Cat. E
Vacuum	:	0,9 bar
Temperature range	:	-20°C / +80°C
Tube	:	Polyurethane, transparent, smooth, incorporated steel wire helix
Cover	:	PVC, transparent, smooth
Bending radius	:	4 x Inner diameter

* Regarding the overpressure we would like to refer to the guidelines for the right use of the hose which are mentioned on page 4 in this catalogue

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C*	kg/mtr	Length mtr	Art.-No.
38	4	46	5	0,900	30	4482 038000
40	4	48	5	0,940	30	4482 040000
51	5,5	62	5	1,250	30	4482 050000

We recommend assembly with:

couplings system
Kamlok:
5510
(see catalogue 12-K P. 24)



couplings system
Kamlok:
5511
(see catalogue 12-K P. 26)



PaRi-clamps:
6170
(see catalogue 12-K P. 81)



Cutted length possible.

Antiabrasivo® / AS



Marking: ANTIABRASIVO / AS - M - DIAMETER

Abrasive resistant Polyurethane lined hose

for transport of ash, crushed rock, silica sand, pea gravel, cement powder, dry fertilizers, slurry, powders, iron ore, grain, woodchips, plastics, coal dust a.o. Hose is used under heavy duty circumstances, where kink proof and relatively light-weight applications are required.

Vacuum : 0,8 bar

Temperature range : -15°C / +60°C

Tube : Polyurethane, red, smooth

Cover : PVC, green, with fully incorporated copper-wire and rigid P.V.C. spiral, cover slightly corrugated.

Bending radius : 6 x inner diameter

* Regarding the overpressure we would like to refer to the guidelines for the right use of the hose which are mentioned on page 4 in this catalogue

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C*	kg/mtr	Length mtr	Art.-No.
76	8	92	6,5	2,300	50	4660 075000
102	9	120	4	3,280	30	4660 100000
127	10	147	3,5	4,450	30	4660 125000
152	10,5	173	3	6,450	20	4660 150000

We recommend assembly with:

couplings system
Perrot:
5721
(see catalogue 12-K P. 21)



couplings system
Bauer:
5710
(see catalogue 12-K P. 20)



Superclamps-clamps:
6200
(see catalogue 12-K P. 76)



Cutted length possible.

Purflex / L



Polyurethane ducting/extracting hose

for vacuum cleaners handling abrasive solids, granulates, glass fibres, paper a.o. also for oilmist extraction. Highly flexible and kink proof. Oil-and petrol resistant.

Temperature range : -40°C / +90°C, intermittent till 125°C

Structure : Polyurethane, transparent, with embedded steel wire helix, inside smooth, outside corrugated

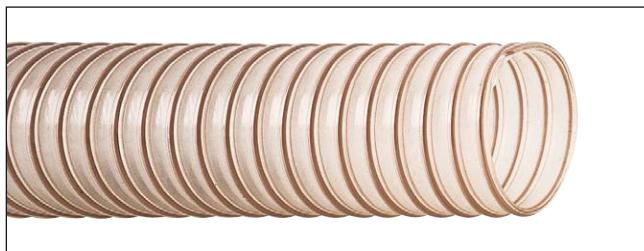
Bending radius : 1 x Inner diameter

Marking: PURFLEX / L - DIAMETER

ø Inner mm	Vacuum bar	kg/mtr	Length mtr	Art.-No.
25	0,2	0,140	20	4610 025000
32	0,2	0,160	20	4610 032000
38	0,2	0,170	20	4610 038000
40	0,2	0,180	20	4610 040000
51	0,2	0,220	20	4610 050000
60	0,17	0,255	20	4610 060000
70	0,17	0,370	20	4610 070000
76	0,17	0,400	20	4610 075000
80	0,16	0,420	20	4610 080000
90	0,16	0,470	20	4610 090000
102	0,13	0,530	15	4610 100000
120	0,10	0,615	15	4610 120000
127	0,10	0,760	15	4610 125000
152	0,08	0,900	15	4610 150000
160	0,07	0,945	15	4610 160000
203	0,04	1,405	15	4610 200000
254	0,04	1,900	10	4610 250000
305	0,03	2,275	10	4610 300000

Cutted length possible.

Purflex / H



Medium-duty Polyurethane suction/dischargehose

for industrial purpose, industrial vacuum cleaners and the transport of granulates, gravel, sand, grains, powders, wood chips, coal dust a.o. High abrasion resistant, extremely flexible. Also oil petrol, solvent resistant and gastight.

Temperature range : -40°C / +90°C, intermittent till 125°C

Structure : Polyurethane, transparent with embedded steel wire helix, inside smooth, cover corrugated

Bending radius : 1,5 x Inner diameter

Wall thickness : 1,4 mm in between the spiral

ø Inner mm	PN/bar at 20°C	Vacuum bar	kg/mtr	Length mtr	Art.-No.
25	4,1	0,94	0,310	10/15	4630 025000
32	3,2	0,94	0,450	10/15	4630 032000
38	3,1	0,84	0,510	10/15	4630 038000
50	2,9	0,80	0,710	10/15	4630 050000
60	2,5	0,75	0,820	10/15	4630 060000
65	2,4	0,68	0,890	10/15	4630 065000
75	2,0	0,60	1,030	10/15	4630 075000
80	2,0	0,60	1,120	10/15	4630 080000
90	1,65	0,53	1,250	10/15	4630 090000
100	1,5	0,45	1,300	10/15	4630 100000
110	1,3	0,45	1,400	10/15	4630 110000
120	1,3	0,31	1,500	10/15	4630 120000
125	1,3	0,31	1,630	10/15	4630 125000
150	1,0	0,25	1,920	10	4630 150000
200	0,7	0,19	2,890	10	4630 200000

Cuttet length possible.

Purflex / HX



Heavy-duty Polyurethane suction/dischargehose

for heavy duty industrial purpose, industrial vacuum cleaners, the transport of sand, rock, glass, grains, gravel, fly-ash, powders, wood-chips, granulates and other abrasives. Flexible and kink-proof, also oil-petrol and solvent resistant.

Temperature range : -40°C / +90°C, intermittent till +125°C

Structure : Polyurethane, transparent with embedded steel wire helix, inside smooth, outside corrugated

Bending radius : 2,5 x Inner diameter

Wall thickness : 1,9 mm in between the spiral

ø Inner mm	PN/bar at 20°C	Vacuum bar	kg/mtr	Length mtr	Art.-No.
50	4,0	0,96	0,950	10/15	4645 050000
75	2,9	0,91	1,680	10/15	4645 075000
100	2,1	0,89	2,600	10/15	4645 100000
125	1,6	0,89	3,010	10/15	4645 125000
150	1,5	0,84	4,150	10/15	4645 150000

Cuttet length possible.

Kehrflex



Road sweeper streetcleaning vacuum hose

with on both sides spiralfree cuffs, suitable for: FAUN, FRIES, KUKA, SCHÖRLING, STREICHER, JOHNSON a.o.

Vacuum	: 0,3 bar
Tube	: highly abrasive, corrugated NR-tube, green
Cover	: weather-and ageing-resistant, corrugated NR/SBR-cover

ø Inner mm

Length mtr

Art.-No.

203

variable

3612 200***

254

variable

3612 250***

Other inner diameters available on request

Turboflex® / U.L.



Suctionhose for shot-blast, pebbles, mud, sand etc.

High abrasive resistant tube of PARA rubber. Light and flexible construction.

Working pressure	: 1 bar
Burst pressure	: 2,5 bar
Vacuum	: 0,9 bar
Temperature range	: -25°C / +70°C
Abrasion resistance	: 75 mm³ acc. DIN 53516
Tube	: NR/SBR, smooth
Cover	: SBR/NR, black corrugated, fabric finish
Reinforcements	: textile plies, static-wire steel spiral
Bending radius	: 2,5 x inside diameter

ø Inner mm

Wall mm

ø Outer mm

kg/mtr

Length mtr

Art.-No.

51

4,5

60

0,950

20

3506 050000

63

4,5

72

1,250

20

3506 063000

76

4,5

85

1,500

20

3506 075000

102

5

112

2,250

20

3506 100000

127

5

137

2,600

20

3506 125000

152

6

164

3,750

20

3506 150000

We recommend one side assembly with:

couplings system

Perrot:

5721

(see catalogue 12-K P. 21)



couplings system

Bauer:

5710

(see catalogue 12-K P. 20)



Superclamps:

6200

(see catalogue 12-K P. 76)



Cutted length possible.

Abrasion Resistant hoses

Turbocord®



Marking: TURBOCORD® DIAMETER PN 12 BAR
ABRASION 60/70 mm³

Sandblast hose

with high abrasive resistant innertube, extruded quality.

Working pressure	: 12 bar
Burst pressure	: 36 bar
Temperature range	: -30°C / +80°C
Electrical resistance	: < 10 ⁶ Ω
Abrasion resistance	: 60 - 70 mm ³ acc. DIN 53516
Tube	: NR, black, smooth
Cover	: NR/SBR, black, smooth fabric finish

ø Inner mm

Wall mm

ø Outer mm

Length mtr

Art.-No.

13	7	27	40	3500 013027
19	7	33	40	3500 019033
25	7	39	40	3500 025039
32	8	48	40	3500 032048
38	8,5	55	40	3500 038054
42	9	60	40	3500 042060
50	10	70	40	3500 050070

We recommend assembly with:

Sandblast couplings:
5900



(see catalogue 12-K P. 56)

Cutted length possible.

Turboflex®



Marking: TURBOFLEX® S/D PN 4 BAR

Suction/discharge hose for shotblast materials

also for suction/discharge of other abrasives, pebbles, mud, sand a.o. High abrasive resistant tube of PARA rubber.

Working pressure	: 4 bar
Burst pressure	: 12 bar
Vacuum	: 0,8 bar
Temperature range	: -30°C / +80°C
Tube	: PARA rubber, brown, smooth
Cover	: SBR/NR black, smooth fabric finish
Reinforcements	: textile plies, steel wire helix static-wire

ø Inner mm

Wall mm

ø Outer mm

Length mtr

Art.-No.

51	6,5	64	40	3505 050000
63	6,5	76	40	3505 063000
76	7,5	91	40	3505 075000
102	8	118	20	3505 100000
125	8	141	20	3505 125000
152	10,5	173	20	3505 150000

We recommend assembly with:

couplings system
Perrot:
5721



(see catalogue 12-K P. 21)

couplings system
Bauer:
5710

(see catalogue 12-K P. 20)



Superclamps:
6200

(see catalogue 12-K P. 76)



Cutted length possible.

Betoncord® / 10



Concrete hose

for wet cement, concrete, plaster and other abrasives.

Working pressure	:	10 bar
Burst pressure	:	30 bar
Electrical resistance	:	< 10 ⁶ Ω
Abrasion resistance	:	100 mm ³ acc. DIN 53516
Temperature range	:	-30°C / +80°C
Tube	:	NR/SBR, black, smooth
Cover	:	NR/SBR, black, fabric finish
Insertions	:	textile plies

Marking: BETONCORD® CONCRETE / BETON PN 10 BAR

Ø Inner mm	Wall mm	Ø Outer mm	Length mtr	Art.-No.
60	10	80	20 / 40	3521 060000
63	13,5	90	40	3521 063090

Cutted length possible.

Betoncord® / 40



Concrete hose

for wet concrete, cement, plaster and other abrasive materials.

Working pressure	:	40 bar
Burst pressure	:	120 bar
Electrical resistance	:	< 10 ⁶ Ω
Abrasion resistance	:	100 mm ³ acc. DIN 53516
Temperature range	:	-30°C / +80°C
Tube	:	NR, black, smooth
Cover	:	NR/SBR, black, smooth fabric finish
Insertions	:	textile plies

Marking: BETONCORD® CONCRETE / BETON
PN 40 BAR

Ø Inner mm	Wall mm	Ø Outer mm	Length mtr	Art.-No.
25	7	39	40	3520 025000
35	7	49	40	3520 035000
38	8	54	40	3520 038000
50	9	68	40	3520 050000
63	11	85	40	3520 063000

We recommend assembly with:

Mortelcouplings:
5800



(see catalogue 12-K P. 57)

Mortelcouplings:
5820



(see catalogue 12-K P. 57)

Band-it-Band:
6035



(see catalogue 12-K P. 85)

Cutted length possible.

Abrasion Resistant hoses

Silocord®



Dry-cargo dischargehose

for cement, dry plaster, cattle food, and other abrasive materials

Working pressure	: 8 bar (90 and 102 mm 6 bar)
Temperature range	: -30°C / +80°C
Electrical resistance	: < 10 ⁶ Ω
Abrasion resistance	: 90 - 110 mm ³ acc DIN 53516
Tube	: NR/SBR, black, smooth
Cover	: SBR, black, fabric finish
Reinforcements	: textile plies, static-wire

Marking: ° SILOCORD® ZEMENT/DRY-CARGO PN ... BAR

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
76	9	94	20/40	3530 075000
76	11	98	40	3530 076098
80	10	100	40	3530 080000
90	10	110	20/40	3530 090000
102	10	122	20/40	3530 100000

We recommend assembly with:

Storz-couplings:
5123



(see catalogue 12-K P. 11)

TW-couplings:
5572

(see catalogue 12-K P. 60)



Safety clamps:
5560



Cutted length possible.

Silocord® / Special



Dry-cargo dischargehose heavy duty quality

for highly abrasive materials, silica sand, soda,
a.o. Tube extremely abrasive resistant.

Working pressure	: 10 bar
Burst pressure	: 30 bar
Temperature range	: -30°C / +80°C
Electrical resistance	: < 10 ⁶ Ω
Abrasion resistance	: Tube 70 mm 3 acc.DIN 53516, Cover 90 -110 mm acc.DIN 53516
Tube	: NR, black, smooth
Cover	: SBR, black, fabric finish
Reinforcements	: textile plies, 2 crossed static-wires

Marking: ° SILOCORD®/SPEZIAL FÜR SPLITT-SODA-QUARZSAND

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
76	11	98	40	3542 076098
102	12	126	20	3542 102126

We recommend assembly with:

Storz-couplings:
5123



(see catalogue 12-K P. 11)

TW-couplings:
5572

(see catalogue 12-K P. 60)



Safety clamps:
5560



Cutted length possible.

Siloflat

Dry-cargo dischargehose, layflat

for cement, dry plaster, cattlefood and other abrasive materials.



Working pressure	: 4 bar
Temperature range	: -30°C / +80°C
Abrasion resistance	: 90 - 110 mm³ acc. DIN 53516
Tube	: NR, black, smooth
Cover	: NR/SBR, black, smooth fabric finish
Reinforcements	: textile plies, 2 crossed static-wires

Marking:

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
76	4,5	85	40	3540 075000
102	6	114	40	3540 100000

We recommend assembly with:

Storz-couplings:
5110



(see catalogue 12-K P. 11)

Band-it-Band:
6035



(see catalogue 12-K P. 85)

Cutted length possible.

Siloflat® / discharge

Dry-cargo exhausthose

for pressureless discharge of grainsilos, dry cement a.o.



Temperature range	: -30°C / +80°C
Abrasion resistance	: 70 -80 mm³ acc. DIN 53516
Tube	: NR, black, smooth, conductive
Electrical resistance	: < 10 ⁶ Ω
Cover	: SBR, black, fabric finish
Reinforcements	: textile plies

Marking:

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
152	7	166	20	3546 152166
203	7	217	20	3546 203217
254	8	270	20	3546 254270
305	9	323	10	3546 305323

We recommend assembly with:

Pari-clamps:
6120



(see catalogue 12-K P. 80)

Cutted length possible / no cutting costs.

Abrasion Resistant hoses

Silocord® / SP



Dry-cargo suction/dischargehose

for cement, dry plaster, cattlefood and other abrasive materials.

Working pressure	: 6 bar
Vacuum	: 0,8 bar
Temperature range	: -30°C / +80°C
Electrical resistance	: < 10 ⁶ Ω
Abrasion resistance	: 90 - 110 mm ³ acc. DIN 53516
Tube	: NR/SBR, black, smooth
Cover	: SBR, black, smooth fabric finish
Reinforcements	: textile plies, steel wire helix, static wire

Marking: SILOCORD®/ SP ZEMENT / DRY-CARGO PN 6 BAR

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
76	10	96	40	3535 076096
102	10	122	20	3535 102122

We recommend assembly with:

Storz-couplings:
5123



(see catalogue 12-K P. 11)

Flanges:
5611

(see catalogue 12-K P. 45)

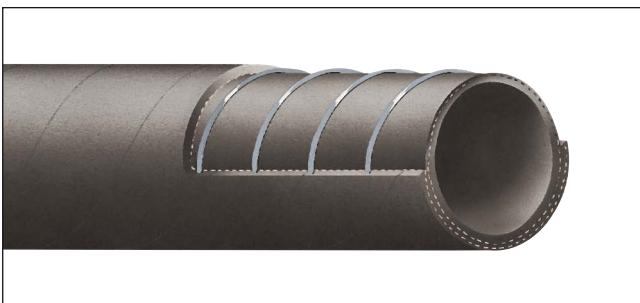


Safety clamps:
5560



Cutted length possible.

Silocord® / Special / SP



Dry-cargo suction/dischargehose, heavy duty

for highly abrasive materials, soda, silica sand a.o. Tube extremely abrasive resistant.

Working pressure	: 10 bar
Burst pressure	: 30 bar
Vacuum	: 0,8 bar
Temperature range	: -30°C / +80°C
Electrical resistance	: < 10 ⁶ Ω
Abrasion resistance	: Tube 70 mm ³ acc. DIN 53516, Cover 90 -100 mm ³ acc. DIN 53516
Tube	: NR, black, smooth
Cover	: SBR, black, smooth fabric finish
Reinforcements	: textile plies, steel wire helix, 2 crossed static-wires

Marking: SILOCORD®/SPEZIAL/SP
FÜR SPLITT-SODA-QUARZSAND

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
76	11	98	40	3544 076098
102	12	126	20	3544 102126

We recommend assembly with:

Storz-couplings:
5123



(see catalogue 12-K P. 11)

Flanges:
5611

(see catalogue 12-K P. 45)



Safety clamps:
5560



Cutted length possible.

Silocord® / Alim



Food quality material-handling hose

for transport of sugars, powders, granulates, grains, corn, cattlefood, dry cargo, where the white tube assures a non-staining application.

Working pressure	: 8 bar
Burst pressure	: 24 bar
Temperature range	: -30°C / +80°C
Tube	: NR/SBR, white, smooth According to FDA regulations
Cover	: SBR, black, smooth fabric finish
Reinforcements	: textile plies, 2 crossed static-wires

Marking: SILOCORD®/ALIM GRANULATE PN 8 BAR

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
75	9	93	40	3560 075000
102	10	122	40	3560 100000

We recommend assembly with:

Storz-couplings:
5123



(see catalogue 12-K P. 11)

TW-couplings:
5563

(see catalogue 12-K P. 62)



Safety clamps:
5560

(see catalogue 12-K P. 84)



Cutted length possible.

Silocord® / Alim / SP



Food quality, material-handling suction/dischargehose

for transport of sugars, powders, granulates, grains, corn, cattle-food, dry cargo, where the white tube assures a non-staining application.

Working pressure	: 8 bar
Burst pressure	: 24 bar
Vacuum	: 0,8 bar
Temperature range	: -30°C / +80°C
Tube	: NR/SBR, white, smooth, according to FDA regulations
Cover	: SBR, black smooth fabric finish
Reinforcements	: textile plies, steel wire helix, 2 crossed static-wires

Marking: SILOCORD®/ALIM S/D GRANULATE PN 8 BAR

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
75	9	93	40	3565 075000
102	10	122	20	3565 100000

We recommend assembly with:

Storz-couplings:
5123



(see catalogue 12-K P. 11)

TW-couplings:
5563

(see catalogue 12-K P. 62)



Safety clamps:
5560

(see catalogue 12-K P. 84)



Cutted length possible.

Naftrex / B



Marking: DIN 73379 DIAMETER GERMANY

Fuelhose acc.German norm DIN 73379 Type B

Application and temperature range specifications:

Fuel with max.aromatic content 50%	:	+40°C
High grade fuels	:	+40°C
Diesel fuels	:	+80°C
Kerosenes	:	+40°C
Cooling liquids (glycols, glysaniline a.o.)	:	+90°C
Water	:	+90°C
Air	:	+80°C
Liquid detergents, non-oxydant	:	+80°C
Cold resistant till	:	-40°C
Maximum peak-temperature	:	+120°C
Norm	:	DIN 73379 march 1982 type B
Working pressure:	15 bar	
Burst pressure	:	60 bar
Tube	:	NBR, black, smooth
Cover	:	with black textile plies for heat-protection

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
3,2	1,9	7,0	10*/20	3370 032070
3,5	2,0	7,5	10*/20	3370 035075
4,0	2,5	9,0	10*/20	3370 040090
4,5	2,5	9,5	10*/20	3370 045095
5,0	2,5	10,0	10*/20	3370 050100
5,5	2,5	10,5	10*/20	3370 055105
6,0	2,5	11,0	10*/20	3370 060110
7,0	2,5	12,0	10*/20	3370 070120
7,5	2,5	12,5	10*/20	3370 075125
8,0	2,5	13,0	10*/20	3370 080130
9,0	2,5	14,0	10*/20	3370 090140
11,5	2,75	17,0	10*/20	3370 115170

*10 mtr. - Lengths if available

Carboform® / EN / ISO



Marking: LOGO PRODUCER CARBOPOMP®
MARINE FUEL SAE J1527:2004
USCG A1 – R1 ISO 7840:2004 A1 CE-0474
RINA - LLOYD'S REGISTER (DN + YEAR)

Fuelhose according norm EN/ISO 7840

Fire resistant fuel hose for small yachts up to 24 meter length of hull. For fuels with an aromatic content not exceeding 50%, also suitable for unleaded petrol, biodiesel and E10 fuel.

Norm	:	SAE J 1527:2004-A1 R1 and, ISO 7840:2004-A1 CE, DIP 128405/MI/1 0474 R.I.NA
Tube	:	Black, smooth synthetic rubber
Cover:	:	Black, smooth, self extinguishing
Temperature range	:	-20°C / +80°C

ø Diameter mm	Working pressure/ Burst pressure	kg/mtr	Length mtr	Art.-No.
6 x 15	8 bar / 14 bar	0,215	40	3305 006000
8 x 16	8 bar / 14 bar	0,220	40	3305 008000
10 x 18	8 bar / 14 bar	0,255	40	3305 010000
12 x 21	3,5 bar / 10 bar	0,340	40	3305 012000
16 x 26	3,5 bar / 10 bar	0,420	40	3305 016000
19 x 29	3,5 bar / 10 bar	0,550	40	3305 019000
25 x 35	3,5 bar / 10 bar	0,660	40	3305 025000

Cutted length possible.

Carboform®



Oil-and petrolhose

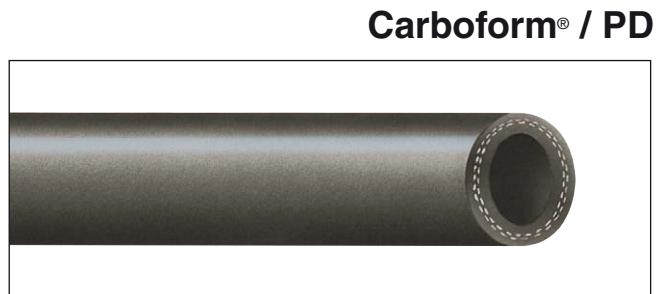
for delivery of domestic oils and fuels, with an aromatic content not exceeding 50%.

Working pressure	: 10 bar
Burst pressure	: 30 bar
Temperature range	: -25°C / +80°C
Electrical resistance	: <10 ⁶ Ω
Tube	: NBR, black, smooth
Cover	: NBR/PVC, black, smooth

Marking: CARBOFORM® PN 10 BAR Ω

Ø Inner mm	Wall mm	Ø Outer mm	Length mtr	Art.-No.
19	4	27	50	3300 019000
25	5	35	50	3300 025000

Cutted length possible.



Carboform® / PD

Marking: CARBOFORM PD EN 1360: 2005 - TYPE 1 - SIZE - 16 BAR - M TRbF 131 PART 2 § 5.5 - QUARTER/YEAR

Petrol station pumphose

for fuel and petrol delivery, for leaded and unleaded petrol, in commercial petrol pumps. For fuels with an aromatic content not exceeding 60%. Also suitable for biodiesel and E10 fuel.

Norm	: EN 1360-2005 Type 1 *NW25-1999 and TRbF131, part 2 §5.5
Working pressure	: 16 bar
Burst pressure	: 48 bar
Temperature range	: -25°C / +55°C
Electrical resistance	: < 10 ⁶ Ω
Tube	: NBR, black, smooth, antistatic
Cover	: CR, black, smooth, non-staining, antistatic
Reinforcements	: Static-wire

Ø Inner mm	Wall mm	Ø Outer mm	Length mtr	Art.-No.
15	5	25	50	3330 015000
19	6	31	50	3330 019000
25*	6	37	50	3330 025000

We recommend assembly with:

Threaded ferrules hose couplings:
5540

(see catalogue 12-K P. 66)



Threaded ferrules
hose couplings:
5550

(see catalogue 12-K P. 66)



Cutted length possible.

Petrol - Oil



Marking: PETROL- OIL HOSE PN 25 BAR Ω

Oil-and petrohose

for fuel supply to engines and motors. Excellent garage hose.
For fuels with a maximum aromatic content of 40%. Suitable for
Europetrol (unleaded) and kerosene.

Working pressure	: 25 bar
Burst pressure	: 75 bar
Temperature range	: -20°C / +80°C
Electrical resistance	: < 10 ⁶ Ω
Tube	: NBR, black, smooth
Cover	: NBR/PVC, black, smooth

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
6	3,5	13	50	3320 006000
8	3,75	15,5	50	3320 008000
10	4	18	50	3320 010000
13	4,5	22	50	3320 013000
15	5	25	50	3320 015000
19	5	29	50	3320 019000
25	5,5	36	50	3320 025000

Cutted length possible.

Carbocord® / 10



Marking: CARBOCORD®-NBR-DRUCK/DISCHARGE-
PN 10 BAR

Oil-and petrohose

for delivery of domestic oils and fuels, with an aromatic content not exceeding 40%. Hose can be reeled for easy-handling.

Working pressure	: 10 bar
Burst pressure	: 30 bar
Temperature range	: -30°C / +80°C
Tube	: NBR, black, smooth
Cover	: CR/NBR, black, smooth, fabric finish
Reinforcements	: textile plies, „static-wire“

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
32	6	44	40	3310 032000
38	7,5	53	40	3310 038000
50	7	64	40	3310 050000
63	8	79	40	3310 063000
75	9	93	40	3310 075000

We recommend assembly with:

TW-Hosetail:
5537



(see catalogue 12-K P. 58)

TW-couplings:
5572

(see catalogue 12-K P. 60)



Safety clamps:
5560

(see catalogue 12-K P. 84)



Cutted length possible.

Carbocord® / EN



Marking: EN12115:2011 NBR 1 - D - Ø INNER - PN.. BAR -
Ω C/T - TRBF 131/T2 § 5.5 MANUFACTURERS
COUNTRY AND NAME

Oil-fuel dischargehose

for mineral oils, fuels with a maximum aromatic content not exceeding 50%. Also suitable for biodiesel and E10.

Norm	: EN 12115:2011 and TRbF131, Part 2 section 5.5
Working pressure	: 16 bar (100 mm 12 bar)
Burst pressure	: 64 bar (100 mm 48 bar)
Temperature range	: -20 °C / +65 °C
Electrical resistance	: <10 ⁶ Ω
Wall through passing resistance	: <10 ⁹ Ω
Tube	: NBR, black, smooth
Cover	: NBR/SBR, black, smooth, fabric finish
Reinforcements	: textile plies and static wires
*	: Ø 45 mm according TÜV

Ø Inner mm	Wall mm	Ø Outer mm	Length mtr	Art.-No.
32	6	44	40	3380 032000
38	6,5	51	40	3380 038000
45*	7	59	40	3380 045000
50	8	66	40	3380 050000
75	8	91	40	3380 075000
100	8	116	40	3380 100000

We recommend assembly with:

TW-Hosetail:
5537



(see catalogue 12-K P. 58)

TW-couplings:
5572

(see catalogue 12-K P. 60)



Safety clamps:
5560

(see catalogue 12-K P. 84)



Cutted length possible.

Carboflat / 16



Marking: ° CARBOFLAT OIL-PETROL BUNKER-
HOSE PN16 BP 48 BAR M

Flat collapsable discharge hose

for mineral oil and fuels with a maximum aromatic content of 60%. Perfect to use as ship to shore bunker hose. Also suitable for biodiesel and E10 fuel.

Working pressure	: 16 bar
Burst pressure	: 48 bar
Temperature range	: -20°C / +80°C
Electrical resistance	: < 10 ⁶ Ω
Tube	: NBR, black, smooth
Cover	: NBR, black, fabric finish
Reinforcements	: textile plies, 2 static wires

Ø Inner mm

Wall mm

Ø Outer mm

Length mtr

Art.-No.

75	7,5	90	40	3360 075000
100	7,5	115	20/40	3360 100000
150	9,5	169	20/40	3360 150000
203	10,5	224	20	3360 200000

We recommend assembly with:

Flanges:
5611



(see catalogue 12-K P. 45)

Safety clamps:
5560



(see catalogue 12-K P. 84)

Cutted length possible.

Carboflex® / OHM



Marking: ° CARBOFLEX® / OHM
NBR - ÖL / OIL - SD - PN 10 BAR - Ω

Oil-and petrol resistant suction/discharge hose

for oils, fuels and petrols with an aromatic content not exceeding 60%. Extremely flexible and lightweight design. Perfectly suitable for vehicles in industrial cleaning and tank trucks.

Working pressure	: 10 bar
Burst pressure	: 30 bar
Vacuum	: 0,9 bar
Electrical resistance	: <10° Ω
Wall through passing resistance	: <10° Ω
Temperature range	: -20°C / +80°C
Tube	: NBR, black, smooth
Cover	: CR, Neoprene, black, fabric finish
Reinforcements	: textile plies, twin spirals
Bending radius	: 4 x inner diameter

ø Inner mm	Wall mm	ø Outer mm	kg/mtr	Length mtr	Art.-No.
51	6,5	64	1,500	40	3351 050000
76	7	90	2,500	40	3351 075000
102	8	118	4,000	40	3351 100000

We recommend assembly with:

TW-Hosetail:
5537



(see catalogue 12-K P. 58)

TW-couplings:
5572

(see catalogue 12-K P. 60)



Safety clamps:
5560

(see catalogue 12-K P. 84)



Cutted length possible.

Armoflex® / OIL



Marking: ° ARMOFLEX® / OIL

Oil-and petrol resistant PVC suction/discharge hose

Resistant against oil, petrol, fuel, soft acids and lye's. Good resistance against outdoor exposure, weather- and ageing proof.

Vacuum	: 0,8 bar
Temperature range	: -15°C / +65°C
Construction	: flexible, black PVC with embedded steel spiral

* Regarding the working pressure we would like to refer to the guidelines for the right use of the hose which are mentioned on page 4 in this catalogue

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C*	kg/mtr	Length mtr	Art.-No.
25	4	33	8	0,520	30	4481 025000
32	4	40	7	0,660	30	4481 032000
38	4,5	47	7	0,800	30	4481 038000
51	5,5	62	5	1,350	30	4481 050000

We recommend assembly with:

couplings system
Kamlok:
5510



(see catalogue 12-K P. 24)

couplings system
Kamlok:
5511

(see catalogue 12-K P. 26)



Mikalor-Supra-clamps:
6202

(see catalogue 12-K P. 77)



Cutted length possible.

Naftoil/Buna



Marking: ° NAFTOIL/BUNA - ø INNER - PROD. CODE

PVC/NBR suction/dischargehose

for industrial water, waste water, dung, mineral oils a.o. for medium duty conditions. An extremely flexible hose, especially under low temperature conditions.

Vacuum	: 0,9 bar
Temperature range	: -30°C / +65°C
Cover	: PVC/NBR, grey, with internal PVC spiral
Bending radius	: 3 x Inner diameter

* Regarding the working pressure we would like to refer to the guidelines for the right use of the hose which are mentioned on page 4 in this catalogue.

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C *	kg/mtr	Length mtr	Art.-No.
25	4,2	33	7	0,44	50	4465 025000
32	4,6	41	6	0,60	50	4465 032000
38	4,8	48	6	0,70	50	4465 038000
51	5,2	61	5	0,98	50	4465 050000
63	5,6	74	4,5	1,20	50	4465 063000
76	6,0	88	4	1,60	50	4465 075000
80	6,1	92	3	1,70	50	4465 080000
102	7,0	116	3	2,40	50	4465 100000
127	8,0	143	2	3,30	20	4465 125000
152	8,6	169	2	4,20	20	4465 150000

We recommend assembly with:

couplings system



Kamlok:

5510

(see catalogue 12-K P. 24)

couplings system



Perrot:

5721

(see catalogue 12-K P. 21)

Super-clamps:



6200

(see catalogue 12-K P. 76)

Cutted length possible.

Naftoil/Buna/AS



Marking: **** ° NAFTOIL/BUNA/AS - M - ø INNER - PROD- CODE****

PVC/NBR suction/dischargehose

for industrial water, wastewater, dung, mineral oils. An extremely flexible hose, especially under low temperature conditions. Because of the integrated static-wire very suitable for grease and industrial cleaning.

Vacuum	: 0,9 bar
Temperature range	: -30°C / +65°C
Construction	: PVC/NBR, grey, with internal PVC spiral with static-wire
Bending radius	: 3,5 x inner diameter

* Regarding the working pressure we would like to refer to the guidelines for the right use of the hose which are mentioned on page 4 in this catalogue.

ø Inner mm	Wall mm	ø Outer mm	PN/bar at 20°C *	kg/mtr	Length mtr	Art.-No.
51	5,2	61	5	1,03	50	4466 050000
76	6	88	4	1,66	50	4466 075000
102	7	116	3	2,47	50	4466 100000

We recommend assembly with:

couplings system



Kamlok:

5511

(see catalogue 12-K P. 24)

couplings system



Kamlok:

5511

(see catalogue 12-K P. 26)

Mikalor-Supra-clamps:



6202

(see catalogue 12-K P. 77)

Cutted length possible.

Carboflex® / 10



Oil-and petrol suction/discharge hose

for mineral oils and fuels, with an aromatic content not exceeding 40%. Designed as tank wagon hose.

Working pressure	:	10 bar
Burst pressure	:	30 bar
Vacuum	:	0,8 bar
Temperature range	:	-25°C / +80°C
Tube	:	NBR, black, smooth
Cover	:	NBR/CR, black, smooth, fabric finish
Reinforcements	:	textile plies, steel wire helix and static-wires

Marking:  CARBOFLEX® NBR ÖL SAUG/DRUCK - OIL SUCTION/DISCHARGE - PN 10 BAR Ω

Ø Inner mm	Wall mm	Ø Outer mm	Length mtr	Art.-No.
25	5,5	36	40	3350 025000
32	5,5	43	40	3350 032000
38	6,5	51	40	3350 038000
42	6,5	55	40	3350 042000
45	7	59	40	3350 045000
51	6,5	64	40	3350 050000
63	7,5	78	40	3350 063000
75	8	91	40	3350 075000
90	8	106	40	3350 090000
100	8	116	40	3350 100000
152	11	174	20	3350 150000

We recommend assembly with:

TW-Hosetail:
5537



(see catalogue 12-K P. 58)

TW-couplings:
5572

(see catalogue 12-K P. 60)



Safety clamps:
5560

(see catalogue 12-K P. 84)



Cutted length possible.

Carboflex® / EN



Marking: ° CARBOFLEX® - MANUFACTURERS NAME -
EN 12115:2011 NBR-1 INNER-
SD - PN..- PB.. BAR - Ω C/T - TRBF 131/T2 P5.5
QUARTER/YEAR

Oil and petrol suction/dischargehose

for mineral oils and fuels with an aromatic content not exceeding 50%. According latest norms. Also suitable for biodiesel and E10.

Norm	: EN 12115:2011 and TRBF 131, part 2, § 5.5
Working pressure	: 16 bar (100 mm 12 bar)
Burst pressure	: 64 bar (100 mm 48 bar)
Vacuum	: 0,9 bar (75 and 100 mm 0,8 bar)
Temperature range	: -20°C / +80°C
Electrical resistance	: <10 ⁶ Ω
Wall trough passing resistance	: <10 ⁹ Ω
Tube	: NBR, black, smooth extruded quality
Cover	: NBR/SBR, black, fabric finish
Reinforcements	: Textile plies, steel wire helix and static-wire

ø Inner mm	Wall mm	ø Outer mm	Bending radius	Length mtr	Art.-No.
25	6	37	150 mm	40	3356 025000
32	6	44	175 mm	40	3356 032000
38	6,5	51	225 mm	40	3356 038000
50	8	66	275 mm	40	3356 050000
63	7,5	78,5	300 mm	40	3356 063000
75	8	91	350 mm	40	3356 075000
100	8	116	450 mm	20/40	3356 100000

We recommend assembly with:

TW-Hosetail:
5537



(see catalogue 12-K P. 58)

TW-couplings:
5572

(see catalogue 12-K P. 60)



Safety clamps:
5560

(see catalogue 12-K P. 84)



Cutted length possible.

Carboflex® / Grecato



Marking: ° CARBOFLEX® / GRECATO NBR OEL
SAUG/DRUCK - OIL SUCTION/DISCHARGE -
PN 10 bar Ω

Oil-and petrol resistant suction/discharge hose

Extremely flexible hose for fuels, petrol and biodiesel with an aromatic content not exceeding 50%. Hose provided with special „GRECATO“ profile with a very small bending radius. Also suitable for hydraulic oil return hose.

Vacuum	: 0,8 bar
Working pressure	: 10 bar
Burst pressure	: 30 bar
Temperature range	: -20°C / +85°C, intermittent till +110°C
Electrical resistance	: <10 ⁶ Ω
Tube	: NBR, black, smooth
Cover	: CR, black with „grecato“ profile, fabric finish
Reinforcements	: Steel wire helix

ø Inner mm	Wall mm	ø Outer mm	Bending radius mm	kg / mtr	Length mtr	Art.-No.
25	5	35	+/- 75 mm	0,700	40	3353 025000
32	5	42	+/- 100 mm	0,900	40	3353 032000
38	5	48	+/- 115 mm	1,050	40	3353 038000
50	6	62	+/- 135 mm	1,550	40	3353 050000

Cutted length possible.

Carboflex® / HP



Oil-and petrol resistant suction/discharge hose

Suitable for hydrocarbons with a maximum aromatic content of 40%. Kink proof, and an ultra small bending radius. Allows easy handling and light resistant pull-and drag safety. Great advantages for fuel fluids handling.

Vacuum	: 0,9 bar
Temperature range	: -30°C / +85°C
Electrical Resistance	: Over entire innertube <10 ⁶ Ω From innertube to cover <10 ⁹ Ω
Tube	: NBR, black, smooth
Cover	: NBR/PVC compound, with external rigid PVC spiral
Reinforcements	: Textile insertions and static wire
Bending radius	: 2 x inside diameter

Working pressure	at 20°C	kg / mtr.	Length mtr	Art.-No.
ø Inner mm	ø Outer mm			
51	73	10 bar	1,70	20
76	99	7 bar	2,40	20
102	124	7 bar	3,20	20

We recommend assembly with:

couplings system Perrot:
5732



(see catalogue 12-K P. 22)

TW-couplings:
5572

(see catalogue 12-K P. 60)



Safety clamps:
5560

(see catalogue 12-K P. 84)



Cutted length possible.

Corrosiv® / EN



Marking: **CORROSIV® CHEMHOSE / CHEMIESCHLAUCH
PRODUCER EN 12115:2011 EPDM D MM PN 16
PB 64 BAR Ω CL/T -TRBF 131/T2 P.5.5
QUARTER/YEAR**

Dischargehose for chemicals

for concentrated acids and chemicals. Not suitable for hydrocarbons. To be cleaned with hot water or steam up to a temperature of maximum 120 °C.

Norm	: EN 12115:2011 and TRbF 131, part 2 § 5.5
Working pressure	: 16 bar
Burst pressure	: 64 bar
Electrical resistance	: <10 ⁶ Ω
Wall through passing resistance	: <10 ⁹ Ω
Tube	: EPDM, black, smooth
Cover	: EPDM, black, fabric finish
Reinforcements	: textile plies and static-wires
Remark	: Please consult the chemical resistance table in our catalogue (pages 8-12).

ø Inner mm	Wall mm	ø Outer mm	Bending radius	Length mtr	Art.-No.
19	6	31	125 mm	40	3815 019000
25	6	37	150 mm	40	3815 025000
32	6	44	175 mm	40	3815 032000
38	6,5	51	225 mm	40	3815 038000
50	8	66	275 mm	40	3815 050000

We recommend assembly with:

couplings system
Kamlok:
5600
(see catalogue 12-K P. 38)



couplings system
Kamlok:
5601
(see catalogue 12-K P. 39)



Stainless steel-Safety clamps:
5561
(see catalogue 12-K P. 84)



Cutted length possible.

Corrosiv® / SP / EN



Marking: **CHEMHOSE / CHEMIESCHLAUCH
PRODUCER - EN 12115:2011 EPDM -
INNER DIAMETER - SD PN.. BAR PB.. BAR
Ω CL/T - TRBF 131/T2 P.5.5 QUARTER/YEAR**

Suction/dischargehose for chemicals

for a various range of acids and chemicals. Suitability to be consulted in the chemical-resistance-tables. Not suitable for use of hydrocarbons. To be cleaned with hot water or steam up to a maximum temperature of 120°C. Highly qualified hose, knik proof and flexible.

Norm	: EN 12115:2011 and TRbF 131, part 2, par. 5.5
Working pressure	: 16 bar (100 mm 12 bar)
Burst pressure	: 64 bar (100 mm 48 bar)
Vacuum	: 0,9 bar (75 and 100 mm 0,8 bar)
Electrical resistance	: <10 ⁶ Ω
Wall through passing resistance	: <10 ⁹ Ω
Tube	: EPDM, black, smooth
Cover	: EPDM, black smooth, fabric finish
Reinforcements	: textile plies, steel wire helix and static-wire
Remark	: Please consult the chemical resistance table in our catalogue (pages 8-12).

ø Inner mm	Wall mm	ø Outer mm	Bending radius	Length mtr	Art.-No.
25	6	37	150 mm	40	3830 025000
32	6	44	175 mm	40	3830 032000
38	6,5	51	225 mm	40	3830 038000
50	8	66	275 mm	40	3830 050000
63	8	79	300 mm	40	3830 063000
75	8	91	350 mm	40	3830 075000
100	8	116	450 mm	40	3830 100000

We recommend assembly with:

couplings system
Kamlok:
5600
(see catalogue 12-K P. 38)



couplings system
Kamlok:
5601
(see catalogue 12-K P. 39)



Stainless steel
Safety clamps:
5561
(see catalogue 12-K P. 84)



Cutted length possible.

Superchem® / XLPE



Marking: SUPERCHEM® XLPE S/D PN 15 BAR
PB 45 BAR R<1 MΩ

Chemical suction/discharge hose

for a various range of chemicals and acids. For use and security please consult our chemical resistance tabel.

Working pressure	: 15 bar
Burst pressure	: 45 bar
Vacuum	: 0,9 bar
Temperature range	: max.+65°C (consult table)
Tube	: Cross-linked Polyethylene, white
Cover	: EPDM, green, fabric finish
Reinforcements	: textile plies, steel wire helix and static-wire
Remark	: Please consult the chemical resistance table for UPE/XLPE (p. 8-12)

ø Inner mm	Wall mm	ø Outer mm	Length mtr	Art.-No.
19	7,5	34	40	3800 019000
25	8	41	40	3800 025000
38	8	54	40	3800 038000
51	8	67	40	3800 050000
76	9,5	95	40	3800 075000

We recommend assembly with:

TW-couplings:
5563



(see catalogue 12-K P. 62)

couplings system
Kamlok:
5600

(see catalogue 12-K P. 38)



Stainless steel-Safety
clamps:
5561

(see catalogue 12-K P. 84)



Cutted length possible.

Superchem® / UPE / EN



Marking: SUPERCHEM® UPE MANUFACTURERS LOGO
EN 12115:2011 UPE - SD - DIAMETER
- PN ... BAR - PB ... BAR - Ω CL/T - TRBF
131 / T2 P5.5 QUARTER/YEAR

Chemical suction/discharge hose

for a various range of chemicals and acids.

Norm	: EN 12115:2011 and TRbF 131, part 2 § 5.5.
Working pressure	: 16 bar (100 mm 12 bar)
Burst pressure	: 64 bar (100 mm 48 bar)
Vacuum	: 0,9 bar (75 and 100 mm 0,8 bar)
Temperature range	: -15°C / +70°C, intermittent till +120°C to sterilize
Electrical resistance	: <10°Ω
Wall trough passing resistance	: <10°Ω
Tube	: UPE Ultra High Molecular Polyethylene, smooth
Cover	: EPDM, black, smooth fabric finish
Reinforcements	: textile plies, steel wire helix and static-wire
Remark	: Please consult the chemical resistance table for UPE/XLPE (p. 8-12)

ø Inner mm	Wall mm	ø Outer mm	Bending radius mm	Length mtr	Art.-No.
19	6	31	190	40	3805 019000
25	6	37	230	40	3805 025000
32	6	44	260	40	3805 032000
38	6,5	51	340	40	3805 038000
50	8	66	410	40	3805 050000
63	8	79	450	40	3805 063000
75	8	91	530	40	3805 075000
100	8	116	680	20	3805 100000

We recommend assembly with:

TW-couplings:
5563



(see catalogue 12-K P. 62)

couplings system
Kamlok:
5600

(see catalogue 12-K P. 38)



Stainless steel-Safety
clamps:
5561

(see catalogue 12-K P. 84)



Cutted length possible.

Hoses in alphabetical order

A		I			
Agriflat	20	Inducord®	21	Saldaform®/Red	46/47
Airbrake	45	Inducord®/Glasfiber	22	Sanyboat	29
Airflex®	49	Inducord®/Lancia	29	Saldaform®/black	48
Airflex®/PU	51	Inducord®/TC	30	Sciropo/AS	52
Airflex®/PU/AS	52	Induform®/RL	15	Sciropo/PU/AS	53
Antiabrasivo®/AS	54	Induform®/RR	15	Silocord®	59
Aquapal	37			Silocord®/Alim	62
Ariacord®/DIN	43	K		Silocord®/Alim/SP	62
Ariacord®/Yellow	43	Kehrflex	56	Silocord®/SP	61
Ariaform®	42			Silocord®/Special	59
Ariaform®/DIN	42	L		Silocord®/Special/SP	61
Ariaform®/TPU	40	Lavaform	16	Siloflat®	60
Ariaform®/Yellow	44	Lavaform/Extra	16	Siloflat/Discharge	60
Armoflex®	26			Solvoform	41
Armoflex®/Food	37	M		Spray 40	18
Armoflex®/Oil	67	Maskpress	45	Sprayfire	18
Armoflex®/PU	53	Metalvapor®/EN/ISO	33	Super Air	40
		Milkcord®	38	Superchem®/UPE/EN	73
		Milkcord®/SP	38	Superchem®/XLPE	73
B				Superelastico	25
Betoncord®/10	58	N		Superelastico/AS	25
Betoncord®/40	58	Naftoil/Buna	68		
		Naftoil/Buna/AS	68	T	
C		Nafrex/B	63	Tamburi	15
Calorform®	16	Niplaflex®	41	Tricotech®	14
Carbocord®/10	65	Nitrogen/Yellow	44	Trix Rotstrahl®	17
Carbocord®/EN	66	Nutrix	35	Tubimar®/Lloyds	30
Carboflat/16	66	Nutrix/Extra	36	Turbocord®	57
Carboflex®/10	69			Turboflex®	57
Carboflex®/EN	70	P		Turboflex®/UL	56
Carboflex®/Grecato	70	Petrol-Oil	65	Twin Hose	47
Carboflex®/HP	71	Polyflex	39	Twin Hose/PVC	48
Carboflex®/Ohm	67	Polyform	13		
Carboform®	64	Purflex/H	55	V	
Carboform®/EN/ISO	63	Purflex/HX	55	Vaporcord®	33
Carboform®/PD	64	Purflex/L	54	Vaporcord®/Alim	34
Cavocord	49	Pyroflat®	19	Ventilazione®/Calor	50
Cleanflex	23	Python/Green	17	Ventilazione®/LDA	50
Cleanflex/blue	23	Python/Yellow	17		
Corrosiv®/EN	72			Q	
Corrosiv®/SP/EN	72	R		Quadriflex	27
Cosmo®	24	Radiacord®	31		
Cosmo®/Elastico	24	Radiacord®/DIN	32	S	
		Respiroform	45	Saldaform®/Blue	46/47
D		Robaform®	48		
Deltaflex®	27				
E					
Eurolon®	19				
H					
Heduflex®	28				

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