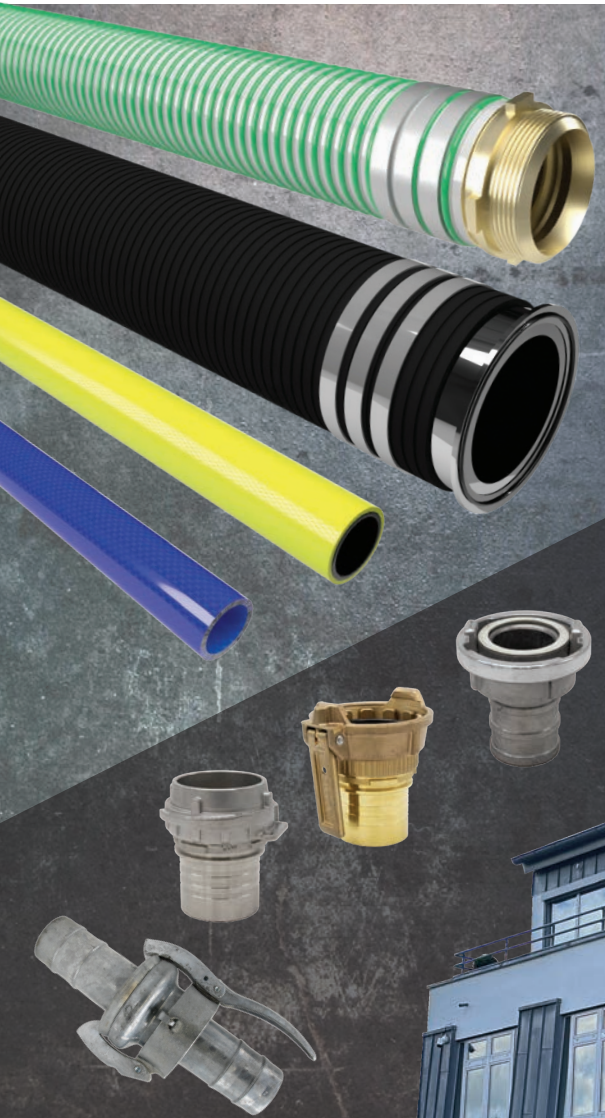




Frauenhof

Pure Quality. Pure Service. Pure Frauenhof.

Industrial- and Suction Hoses



Synthetic Spiral Hoses

Rubber Spiral Hoses

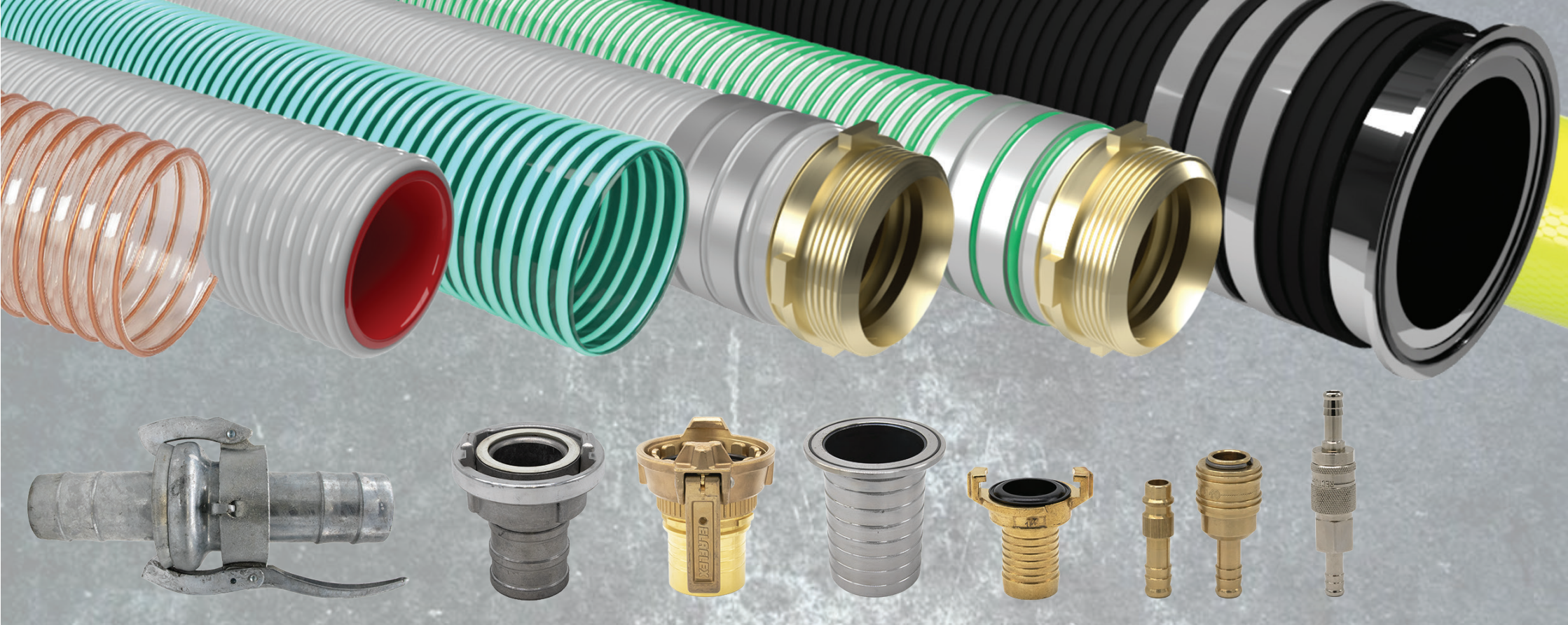
Water Hoses

Air Hoses

Fittings

Accessories



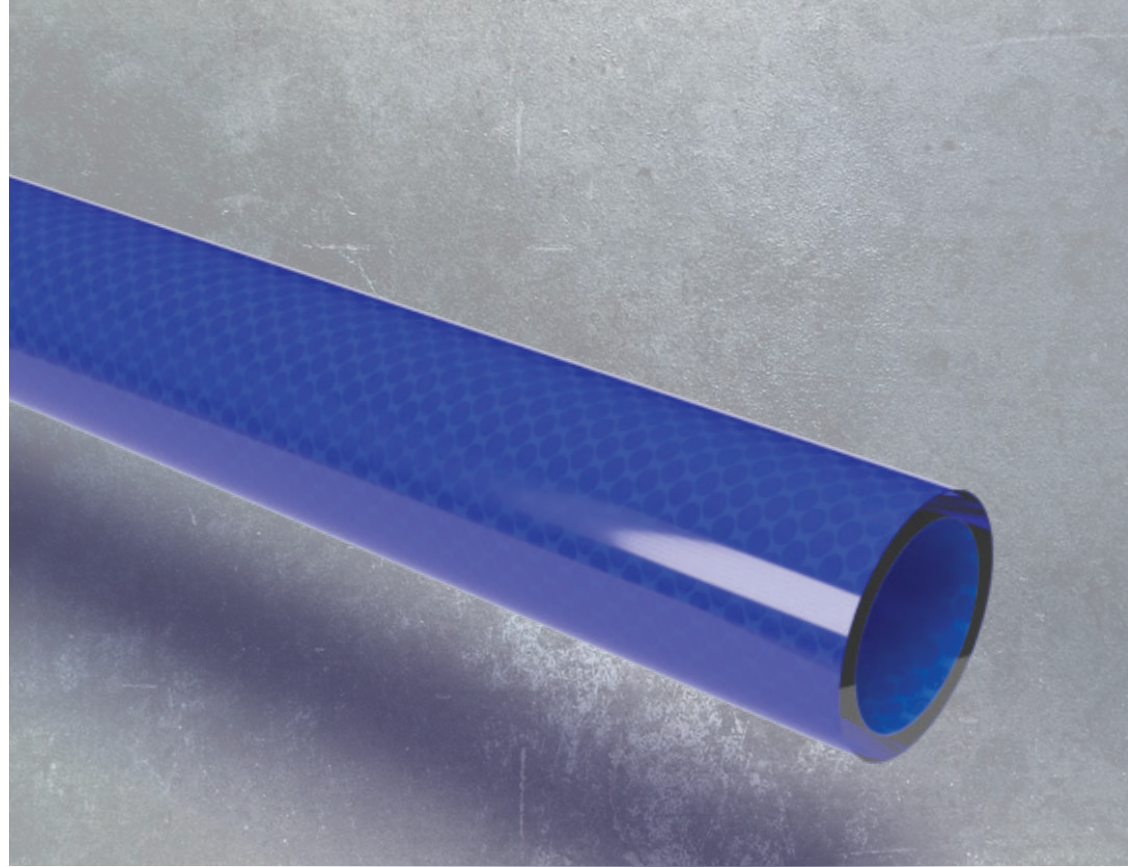


Industrial and Suction Hoses

When disposing liquid and nonliquid media, suction and pressure hoses need to meet high requirements. Hence, hose reliability is an absolute necessity for you and a surety in daily use. As our hoses need to pass the most diligent product selection process, they meet the highest quality standards in terms of wear resistance, abrasion resistance, shape stability, resistance to weather and durability. Depending on their application, these hoses must not only have a highly abrasion-resistant inner tube and an electrically conductive and wear-resistant cover but also ensure maximum flexibility and an optimal weight.

The combination of these features and the HF gland coupling system, that we helped to develop, is the reason why our hose lines for abrasive matter claim the position of quality leadership.

Relying on our constant dialogue with our customers, we have assembled an assortment that meets all the requirements stated above and is presented to you on the following pages.



Air Hoses

Raufilam

Breathing Air Hoses

Air Hose Raufilam



Scope of Application

Pressure hose with general use in industrial applications, mainly for use on air pressure systems. Can be used in trailer and caravan construction as a water hose. Functions as a water hose in trailer and caravan construction in the cold water area if colored blue and hot water area if colored red. For application in welding technology, it can be used as cold water supply on Mig burners if colored blue and as a return hose if colored red. As a workshop hose, it is covered in blue and black and acts as a multi-functional compressed air hose. Advantageous for use in mechanical engineering, as individual hose lines are colored differently.

Properties

- Convenient flexibility, constant coloring, great aging resistance, high sheathing density, great resistance towards chemicals
- Color: green-transparent, blue-transparent, blue-covered, black on the interior and exterior, - red
- Important to consider: ratio working pressure to burst pressure 4:1
- Special qualities: individualized print option (e.g. company logo, company name, diameter)

Construction

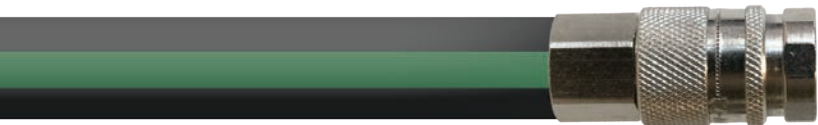
- Color of PVC textile hose is sheathed diagonally in a technically correct way in a neutral angle of 54 degrees
- Highly resistant and tear-resistant synthetic fibers serve as sheathing material
- Free of cadmium, TÜV-certified
- Insertion with fittings

Temperature Range

- - 20°C to 65°C

Article no.			Wall thickness				Color
280152	4,0 mm	10,0 mm	3 mm	290 psi	1.160 psi	15 mm	Glass-clear
280153	6,0 mm	11,0 mm	3 mm	217 psi	870 psi	25 mm	Glass-clear
280154	8,0 mm	14,0 mm	3 mm	217 psi	870 psi	30 mm	Glass-clear
280155	9,0 mm	14,0 mm	3 mm	174 psi	696 psi	30 mm	Glass-clear
281536	9,0 mm	15,0 mm	3 mm	174 psi	696 psi	35 mm	Dark blue transparent
281981	9,0 mm	15,0 mm	3 mm	174 psi	696 psi	35 mm	Dark green transparent
280359	10,0 mm	16,0 mm	3 mm	145 psi	580 psi	40 mm	Glass-clear
280360	12,0 mm	18,0 mm	3 mm	145 psi	580 psi	55 mm	Glass-clear
280157	13,0 mm	20,0 mm	3,5 mm	116 psi	464 psi	72 mm	Glass-clear
280158	16,0 mm	24,0 mm	4 mm	145 psi	580 psi	75 mm	Glass-clear
280159	19,0 mm	26,0 mm	3,5 mm	101 psi	406 psi	130 mm	Glass-clear
280160	25,0 mm	34,0 mm	4,5 mm	101 psi	406 psi	220 mm	Glass-clear
281455	30,0 mm	38,0 mm	4 mm	72 psi	290 psi	250 mm	Glass-clear
280161	32,0 mm	42,0 mm	5 mm	87 psi	348 psi	310 mm	Glass-clear
280162	38,0 mm	48,0 mm	5 mm	79 psi	319 psi	420 mm	Glass-clear
282873	45,0 mm	55,0 mm	5 mm	43 psi	174 psi	550 mm	Glass-clear
280164	50,0 mm	60,0 mm	5 mm	43 psi	174 psi	650 mm	Glass-clear

Breathing Air Hose



Scope of Application

The hose is suited ideally for purposes of cleaning tanks or circumstances when the outer surface of the hose is exposed to adverse conditions.

Properties

- Color: black
- Comes with two laminated green stripes according to EN 139
- Extremely high ozone resistance, extreme resistance against various chemicals

Construction

- Abrasion-resistance due to a PVA cover
- Inner tube: NBR black
- Outer cover: NBR / PVC black
- Integrated with stainless brass or stainless steel couplings

Temperature Range

- -30°C to +100°C

Article no.		Wall thickness					
280102	9,5 mm	5 mm	145 psi	870 psi	78 mm	0,287 kg/m	Goods sold by the meter
282311	9,5 mm	5 mm	145 psi	870 psi	78 mm	0,287 kg/m	25 m
282508	9,5 mm	5 mm	145 psi	870 psi	78 mm	0,287 kg/m	50 m

General Application Notes

What to pay attention to ...

Handle instructions about ultra-high-pressure hoses with extreme caution!

Inspection

I should be checked regularly for abrasion, rust, breaks or other damages. If my upper cover is threadbare or I am damaged otherwise, phase me out and do not use me anymore. You should moreover check the thread of my fittings for abrasion. We are also happy to do this check for you!

Working Pressure

My manufacturer provides information about my maximum working pressure that must not be exceeded. Although I am tested with greater certainty, one must not assume that I can withstand this pressure in the long term.

Bend Radius

My minimum bend radius must not be undercut as doing so can lead to a stress whitening in my inner tube or other damage. Under no circumstances should I be used if I have accidentally been cracked or twisted.

Temperature

To ensure safe operation, the temperature range I was designed for should be taken into account.

Damage

If you recognize a water leak, I must be put out of operation immediately and checked for damage. Please always use filtered flow media to ensure my longevity. Please do not use me if I have bubbles, pin holes, or kinks. Please make sure that there is no high tensile or torsional load on me. To prevent any damages, you should always clean, dry and wind me up after using me.

Use only those hose lines that have been assembled by an experienced and authorized dealer!!!

All our recommendations conform to the requirements of EN1829-2. In case you have any questions, please feel free to contact our sales team at any time.

If you have any questions, please feel free to contact our team at any time!

ULTRA-HIGH PRESSURE TECHNOLOGY

- Thermoplastic High-Pressure Hoses
- Rubber High-Pressure Hoses
- Adapters & Connectors
- Waterjet Protection
- Accessories

INDUSTRIAL AND SUCTION HOSES

- Suction and Pressure Hoses
- Tank Truck and Chemical Hoses
- Flat Hoses
 - Air Conveyor System Hoses
 - Fittings

SERVICE & MAINTENANCE

SEWER CLEANING

- Sewer Cleaning Hoses
- Cassette Boom Hoses
- Nozzles
- Sewer Cleaning Accessories

SEWER REHABILITATION

- Resins
- Glass Fiber Material
- Inversion lining systems and equipments
- Rehabilitation Packer
- Pipe and Test Sealing Cushions
- Accessories

PERSONAL PROTECTIVE EQUIPMENT (PPA)

- Protective Clothing
- Workplace Safety
- Barriers/Construction Site Safety
- Respiratory Protection
- Gas Detection/Self-Rescue
- Entry Safety Devices
- Lamps

