



Frauenhof

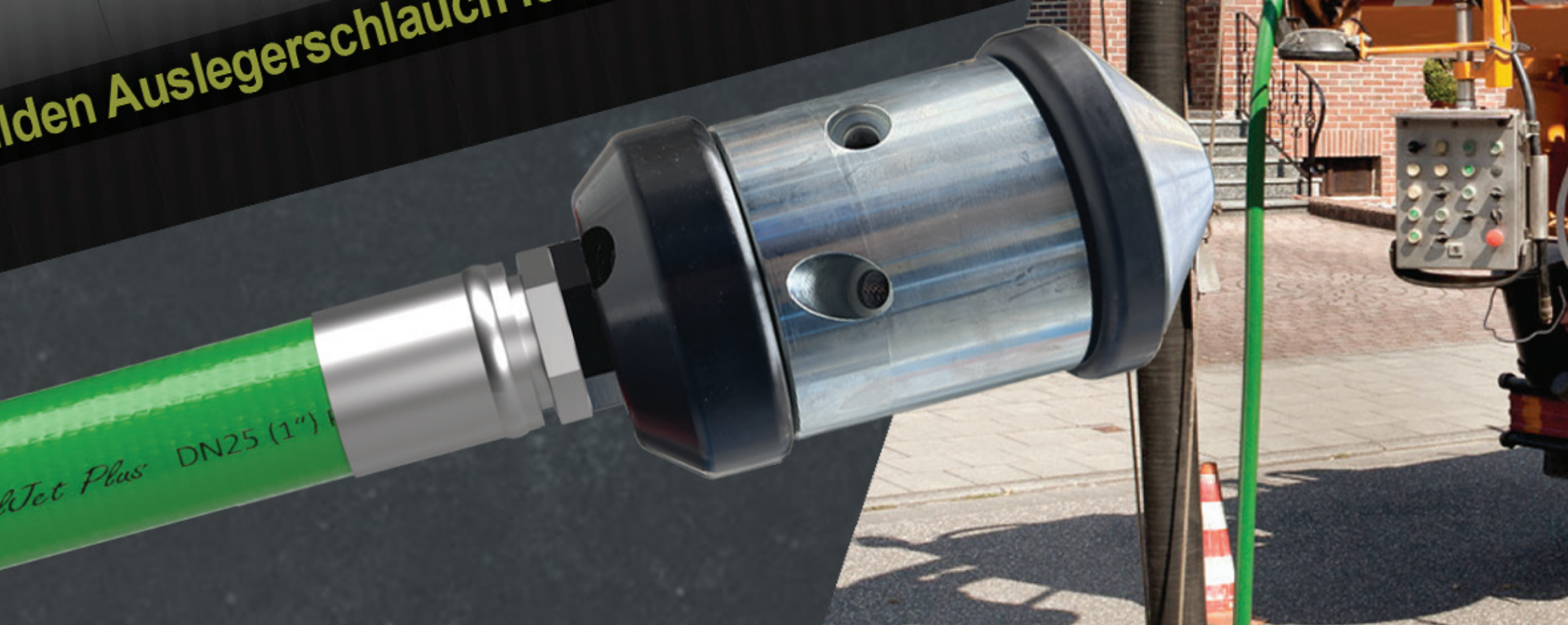
Pure Quality. Pure Service. Pure Frauenhof.

Sewer Cleaning and Rehabilitation



Hoses
Nozzles
Machines
Shortliners
Longliners
Packers
Accessories





Sewer Cleaning

We deliver our sewer flushing hoses as complete hose assemblies from our factory, equipped with couplings, reinforced, and tested. Additionally, we professionally bind the hoses in accordance with BGR 500-2.36 standards in our modern assembly department.

For on-site repairs, we can supply you with appropriate replacement couplings and mobile crimping presses with matching dies. Our product portfolio also includes cassette boom hoses, sewer cleaning nozzles, and accessories for your sewer cleaning needs.

All the products we offer come from high-quality and reliable partners who implement stringent quality assurance procedures in their production processes.

Legend



Outside diameter



Bursting pressure



Working pressure



Bend radius



Flow rate



Inside diameter



Weight



Screw thread



Length



Minimum collapse
load



Hoses

Sewer Cleaning Hoses

Cassette Boom Hoses

Conveying Hoses

Canalkler 250 S



This ultra high pressure hose is used in sewer and pipe cleaning. It is characterized by the texture of its extremely smooth upper cover in particular. As a result, both its abrasion value and its sliding behavior are highly valued performance characteristics of its users. They are definitely the benchmark defining what is currently feasible. The 250 S is manufactured in accordance with the regulations of the trade association (ZH1 / 406).

- Temperature range: -35°C to 80°C
- Inner tube: SBR black, smooth
- Pressure carrier: 2 braided textile inserts
- Cover: NR/BR black, smooth

Nominal width						
DN13	13,0 mm	25,6 mm	3625 psi	9065 psi	70 mm	0,45 kg/m
DN19	19,0 mm	31,6 mm	3625 psi	9065 psi	90 mm	0,61 kg/m
DN25	25,0 mm	39,3 mm	3625 psi	9065 psi	100 mm	0,9 kg/m
DN32	32,0 mm	47,6 mm	3625 psi	9065 psi	130 mm	1,12 kg/m
DN38	38,0 mm	54,0 mm	3625 psi	9065 psi	155 mm	1,35 kg/m

Article numbers:

Length/No- minal width	20m	40m	60m	80m	120m	150m	160m	180m	200m	240m
DN13	282623	282040	282042	282044	282046	-	-	-	-	-
DN19	-	282048	282612	282050	282052	-	-	-	-	-
DN25	-	282054	282613	282056	282058	-	282060	282062	282201	281978
DN32	-	282064	282614	282066	282068	-	282070	282072	282663	-
DN38	-	282074	-	282076	282078	282080	-	-	-	-

All hose assemblies listed in the table come fully equipped with fittings expertly integrated.

Semperit IK 25



This ultra high pressure hose is used in sewer and pipe cleaning purposes. Due to its outstanding price-performance ratio, it is one of the most attractive hoses on the market. It is characterized by both its weather-resistant hose cover and its particularly corrosionresistant fittings. These properties provide the product from the house of Semperit with a high wear protection. The IK 25 is manufactured according to the regulations of the occupation cooperative (ZH1/406).

- Temperature range: -35°C to 80°C
- Inner tube: SBR black, smooth
- Pressure carrier: 2 braided textile inserts
- Cover: NR/BR black, smooth

Nominal width						
DN13	13,0 mm	25,0 mm	3625 psi	9065 psi	70 mm	0,46 kg/m
DN19	19,0 mm	31,0 mm	3625 psi	9065 psi	95 mm	0,61 kg/m
DN25	25,0 mm	39,0 mm	3625 psi	9065 psi	110 mm	0,86 kg/m
DN32	32,0 mm	48,0 mm	3625 psi	9065 psi	150 mm	1,27 kg/m

Article numbers:

Length/ Nominal width	20m	40m	60m	80m	120m	160m	180m	200m	220m	240m
DN13	286028	286000	286001	286002	286003	-	-	-	-	-
DN19	-	286004	286027	286005	286006	-	-	-	-	-
DN25	-	286007	-	286008	286009	286010	286011	286030	286012	286031
DN32	-	286013	286013	286014	286015	286016	286017	-	-	-

All hose assemblies listed in the table come fully equipped with fittings expertly integrated.

Parker ESH 250 - Canaljet Plus 2



This ultra high pressure hose is used for sewer and pipe cleaning purposes. The CanalJet Plus 2 has a weight saving of 30% compared to other rubber sewer cleaning hoses. The particular polyurethane mixture is characterized by excellent abrasion values, cut resistance and a homogeneous bond between not only used materials for the inner and outer layer but also pressure carriers. The CanalJet Plus 2 is moreover characterized by its resistance to hydrolysis, ozone, UV and microorganisms.

- Temperature range: -10°C to +50°C
- Inner tube: Thermoplastic elastomer
- Pressure carrier: 2 braidings of highly tear-resistant synthetic fibers (homogeneously connected to one another)
- Cover: Polyurethane, green, extremely cut- and abrasion-resistant

Please note that the hose “floats”.

Nominal width						
DN13	12,0 mm	21,2 mm	3.600 psi	9.000 psi	100 mm	0,24 kg/m
DN19	20,0 mm	28,6 mm	3.600 psi	9.000 psi	125 mm	0,40 kg/m
DN25	25,0 mm	36,5 mm	3.600 psi	9.000 psi	150 mm	0,60 kg/m
DN32	32,0 mm	46,0 mm	3.600 psi	9.000 psi	225 mm	1,00 kg/m

Article numbers:

Length/Nominal width	80m	120m	160m	180m	200m	240m
DN13	281805	281806	281807	281808	-	-
DN19	281809	281810	281811	281812	-	-
DN25	281813	281814	281815	281816	-	281817
DN32	281818	281819	281820	281821	281822	281823

All hose assemblies listed in the table come fully equipped with fittings expertly integrated.

Transfer Oil Ecology 200



This ultra high pressure hose is used for sewer and pipe cleaning purposes. The Ecology 200 has a weight saving of 30% compared to other rubber sewer cleaning hoses. The thermoplastic polymer is characterized by excellent abrasion values and cut resistance and therefore has a long service life. The blue hose cover is also resistant to microbiological attacks.

- Temperature range: -40°C to +60°C
- Inner tube: Thermoplastic polymer
- Pressure carrier: 2 braidings of highly tear-resistant synthetic fibers and an additional braid
- Cover: Polyurethane, blue, extremely cut- and abrasion-resistant

Nominal width						
DN13	13,0 mm	21,4 mm	2.900 psi	7.250 psi	75 mm	0,23 kg/m
DN19	19,6 mm	29,7 mm	2.900 psi	7.250 psi	120 mm	0,41 kg/m
DN25	25,6 mm	37,5 mm	2.900 psi	7.250 psi	155 mm	0,61 kg/m
DN32	32,4 mm	47,2 mm	2.900 psi	7.250 psi	240 mm	1,00 kg/m
DN38	38,4 mm	55,6 mm	2.900 psi	7.250 psi	300 mm	1,34 kg/m

Article numbers:

Length/Nominal width	40m	60m	80m	120m	160m	180m	200m	240m
DN13	280433	280434	280435	280436	-	-	-	-
DN19	280437	280438	280439	280440	280441	-	-	-
DN25	-	-	-	280400	280401	280402	280432	280403
DN32	-	-	-	280801	280404	280405	280432	280430
DN38	-	-	-	-	-	-	-	-

All hose assemblies listed in the table come fully equipped with fittings expertly integrated.

HFH sewer cleaner



This high-pressure hose is used in sewer and pipe cleaning applications. It is characterized by its extremely abrasion-resistant, aging-resistant, and weather-resistant outer cover. The HFH sewer cleaner is highly flexible due to a specially developed rubber compound.

- Temperature range: -40°C to +150°C
- Inner tube: NR/SBR
- Pressure carrier: Wire braided
- Cover: NR/SBR

Nominal width						
DN12	12,7 mm	22,6 mm	3.625 psi	9.280 psi	180 mm	0,41 kg/m

Article numbers:

Length/ Nominal width	40m	60m	80m	120m
DN12	289500	289501	289502	289503

All hose assemblies listed in the table come fully equipped with fittings expertly integrated.

Trell-Jet 513



This ultra high pressure hose is used for sewer and pipe cleaning purposes. It is characterized by its abrasionresistant outer cover as well as its flexibility and kink resistance.

- Temperature range: -40°C to +150°C
- Inner tube: SBR/NBR black, smooth
- Pressure carrier: 1 steel wire mesh insert
- Cover: SBR/NBR black, smooth

Nominal width						
DN13	12,7 mm	21,2 mm	4.350 psi	11.000 psi	60 mm	0,42 kg/m
DN16	15,9 mm	24,8 mm	4.350 psi	11.000 psi	90 mm	0,55 kg/m

Article numbers:

Length/Nominal width	40m	60m	80m	100m	120m
DN13	281842	281843	281844	282083	281845
DN16	281991	281992	281993	282463	281994

All hose assemblies listed in the table come fully equipped with fittings expertly integrated.

1SN



This ultra high pressure hose is used for sewer and pipe cleaning purposes. The 1 SN hoses is suitable for hydraulic oils both mineral and biological, oils based on polyglycol, water-oil emulsions and water.

- Temperature range: -40°C to +100°C
- Inner tube: Synthetic rubber
- Pressure carrier: high-strength steel wire mesh
- Cover: Synthetic rubber, MSHA flame retardant approved

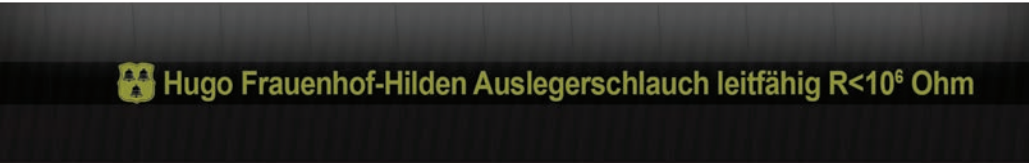
Nominal width						
DN8	12,7 mm	15,0 mm	3.100 psi	12.400 psi	115 mm	0,24 kg/m
DN12	18,3 mm	20,6 mm	2.320 psi	9.200 psi	180 mm	0,41 kg/m
DN16	21,4 mm	23,7 mm	1.880 psi	7.500 psi	200 mm	0,45 kg/m
DN19	25,4 mm	27,7 mm	1.500 psi	6.000 psi	240 mm	0,58 kg/m

Article numbers:

Length/Nominal width	20m	40m	50m	60m	80m	100m	120m
DN8	280854	280855	-	-	280856	-	-
DN12	280857	280858	280480	280108	280859	282732	280860
DN16	-	-	-	-	281580	-	280311
DN19	-	280861	-	-	280862	-	280450

All hose assemblies listed in the table come fully equipped with fittings expertly integrated.

HFH Cassette Boom Hose

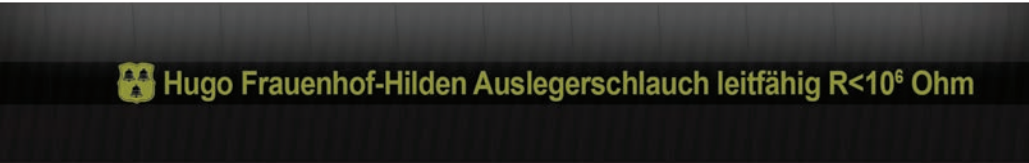


The HFH cassette boom hose is suitable for suction vehicles of all superstructure manufacturers, with the exception of Assmann and Müller Umwelttechnik. For those superstructures, we offer customized cassette extension hoses. The working pressure of HFH cassette boom hoses is 3 bar and the burst pressure is 9 bar. The cassette boom hose is suitable for full vacuum. It is equipped with two hidden, reinforcing spirals, spiral-free cuffs on both sides and one-sided cuff extensions in dimensions 102 and 12. The hose is partly oilresistant by default, oil-resistant version on request only.

- Temperature range: -30°C to +90°C
- Inner tube: NR/NBR synthetic rubber, abrasion-resistant, smooth, black
- Cover: NR/NBR synthetic rubber, abrasion-resistant, smooth, black

Article no.					Cuff extensions
281489	102mm	122mm	16m	550mm	110mm
281490	102mm	122mm	20m	550mm	110mm
281491	127mm	147mm	20m	660mm	133mm
281492	127mm	147mm	25m	660mm	133mm
281493	152mm	172mm	20m	770mm	None

HFH Special Cassette Boom Hose

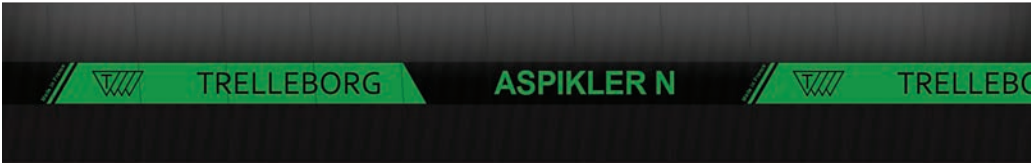


The HFH special cassette boom hose, with the same wear layer, has a smaller outer di-iameter and is suitable for suction vehicles with Assmann and Müller environmental tech-nology attachments. The operating pressure is 3 bar, and the burst pressure is 9 bar. The cassette boom hose is suitable for full vacuum. The bending radius corresponds to 4 to 5 times the hose diameter. It is equipped with two hidden reinforced spirals and spiral-free cuffs on both ends.

- Temperature Range: -30°C to +90°C
- Inner Tube: NR/NBR synthetic rubber, abrasion-resistant, smooth, black
- Cover: NR/NBR synthetic rubber, abrasion-resistant, smooth, black

Article no.	Dimensions	
282488	DN 102 x 8	20m
282489	DN 102 x 8	25m
282486	DN 127 x 9	20m
282487	DN 127 x 9	25m

Aspikler N

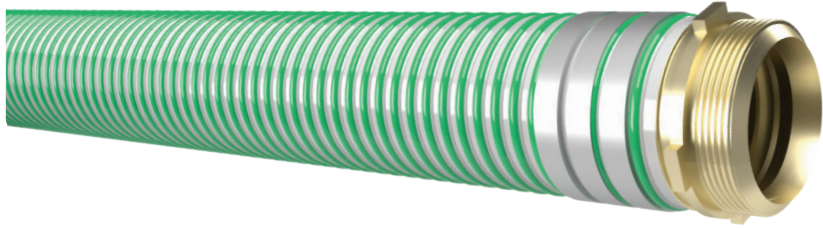


The Aspikler N is a suction hose for purposes of cassette boom operation on sewer clean-ing vehicles. The hose is characterized by its high abrasion resistance and its flexibility even if low temperatures are involved.

- Temperature range: -30°C to +80°C
- Inner tube: SBR, black, smooth, electrically conducting, not resistant to oil
- Casing: synthetic inserts with spring steel spirals
- Cover: SBR, black, not resistant to oil, abrasion-resistant, smoothly textile patter-ned

Article no.							
281969	100 mm	113,5 mm	87 psi	217 psi	450 mm	4,30 kg/m	20 m
281359	125 mm	144,0 mm	87 psi	217 psi	550 mm	6,30 kg/m	20 m
281360	150 mm	170,0 mm	87 psi	217 psi	650 mm	7,77 kg/m	20 m

Arizona



Scope of application

Application appropriate for medium-heavy use in many branches of industry, disposal and agriculture. Is applicable inter alia as agricultural manure hose, communal vehicles or irrigation systems.

Properties

- PVC suction / pressure hose that is flexible at low temperature

- Smooth on the inside

Construction

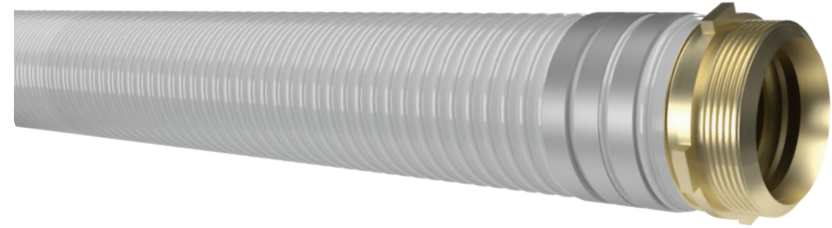
- Comes with a shock-resistant, hard PVC spiral, overlaying to the outside as green abrasion protection

Temperature range

- 25°C to +60°

Article no.	Ø	Wall thickness	kg				
	25 mm	4,4 mm	0,5 kg/m	100 mm	101 psi	304 psi	50 m
	32 mm	4,4 mm	0,6 kg/m	130 mm	87 psi	261 psi	50 m
	38 mm	4,4 mm	0,7 kg/m	150 mm	87 psi	261 psi	50 m
280380	45 mm	5,0 mm	0,9 kg/m	180 mm	79 psi	239 psi	20 m
	50 mm	5,5 mm	1,05 kg/m	200 mm	72 psi	217 psi	50 m
	60 mm	5,6 mm	1,25 kg/m	240 mm	65 psi	195 psi	50 m
	63 mm	6,0 mm	1,39 kg/m	250 mm	65 psi	195 psi	50 m
	75 mm	6,5 mm	1,7 kg/m	300 mm	58 psi	174 psi	50 m
280383	76 mm	6,5 mm	1,7 kg/m	300 mm	58 psi	174 psi	50 m
280390	80 mm	6,5 mm	1,85 kg/m	320 mm	50 psi	152 psi	50 m
	89 mm	6,7 mm	2,25 kg/m	360 mm	50 psi	152 psi	50 m
280385	90 mm	6,7 mm	2,25 kg/m	360 mm	50 psi	152 psi	50 m
	100 mm	7,4 mm	2,7 kg/m	400 mm	43 psi	130 psi	50 m
280386	102 mm	7,3 mm	2,7 kg/m	400 mm	43 psi	130 psi	50 m
280387	110 mm	7,5 mm	3,1 kg/m	440 mm	43 psi	130 psi	20 m
	120 mm	8,0 mm	3,6 kg/m	480 mm	36 psi	108 psi	20 m
	125 mm	8,3 mm	3,9 kg/m	500 mm	36 psi	108 psi	20 m
280388	127 mm	8,3 mm	3,9 kg/m	510 mm	36 psi	108 psi	20 m
	130 mm	8,5 mm	4,1 kg/m	520 mm	36 psi	108 psi	20 m
	133 mm	8,5 mm	4,2 kg/m	550 mm	29 psi	101 psi	20 m
	150 mm	9,0 mm	5,0 kg/m	600 mm	29 psi	87 psi	20 m
280389	152 mm	9,0 mm	5,0 kg/m	610 mm	29 psi	87 psi	20 m
	160 mm	9,4 mm	5,6 kg/m	640 mm	29 psi	87 psi	20 m
281621	200 mm	13,0 mm	10,0 kg/m	800 mm	21 psi	65 psi	-

PVC/NBR-Buna Gruppe 144



Scope of application

New generation of synthetic suction and pressure hoses for process water, liquid manure and mineral oil when cleaning and discharging, e.g. oil separator, fat separator.

Construction

- Layout: PVC / NBR mixture grey, including a PVC spiral on the inside

Temperature range

- 30°C to +65°C

Properties

- Particularly flexible at low temperature
- Vacuum: 9mWs

Article No.	Ø	Wall thickness	kg				
281502	51 mm	5,2 mm	0,98 kg/m	153 mm	72 psi		50 m
281504	63 mm	5,6 mm	1,2 kg/m	189 mm	65 psi		50 m
281505	76 mm	6,0 mm	1,6 kg/m	228 mm	58 psi		50 m
281506	80 mm	6,1 mm	1,7 kg/m	240 mm	43 psi		50 m
281508	102 mm	7,0 mm	2,4 kg/m	306 mm	43 psi		50 m
281510	127 mm	8,0 mm	3,3 kg/m	381 mm	29 psi		20 m
281511	152 mm	8,6 mm	4,2 kg/m	456 mm	29 psi		20 m

Our Product Range

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

