



Frauenhof

Pure Quality. Pure Service. Pure Frauenhof.

Ultra High Pressure Technology



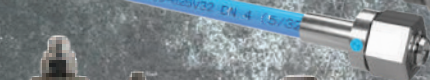
Hoses

Fittings

Nozzles

Adapters und
Connectors

Waterjet Protection





Ultra High Pressure Technology

When working at up to 58.000 psi operating pressure, the use of medium-quality working materials can become a major hazard. For this reason, it is absolutely necessary to use only selected products and materials and thus ensure optimum protection for the user.

With our own hose assembly in our state of the art production facility - with test capacities up to 87.000 psi - with printout of test certificates with graphical pressure curve, we guarantee a maximum of flexibility and fast delivery.

All the articles we offer come only from reliable suppliers who apply the strictest quality assurance procedures in their production.

Legend



Outside diameter



Inside diameter



Bursting pressure



Weight



Working pressure



Screw thread



Bend radius



Length



Flow rate



Minimum collapse load

Die neuen
HFH Hose ID Chips
Mehr dazu auf Seite 42



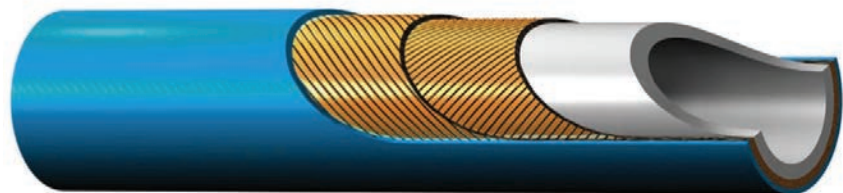
Hoses

Hose Range

„My Process Walkthrough at HFH“

Application Notes

Polyflex 2240D



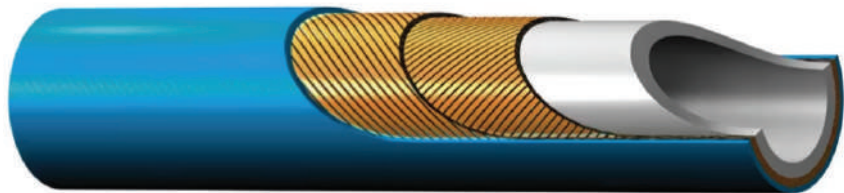
- high flexibility
 - low weight
 - inner tube: Polyoxymethylene
 - pressure carrier: two winding layers of steel wire
 - cover: polyamide
- temperature: -10°C to +70°C
 - colour: light blue
- All hoses are also available with a Tough-Cover top cover, which provides extra protection against abrasion.

Description						
2240D-02V32	3,0 mm	7,6 mm	15.950 psi	39.875 psi	60 mm	0,07 kg/m
2240D-025V32	4,0 mm	7,7 mm	17.400 psi	41.500 psi	75 mm	0,10 kg/m
2240D-03V32	4,8 mm	8,5 mm	15.950 psi	39.875 psi	95 mm	0,13 kg/m
2240D-04V32	6,4 mm	11,5 mm	15.950 psi	39.875 psi	110 mm	0,20 kg/m

Suitable Fittings:

Fittings	2240D-02	2240D-025	2240D-03	2240D-04
Swivel nut DK05 M24 x 1,5	X	X	X	X
Swivel nut G 1/4"	X	X	X	X
Swivel nut G 3/8"				X
Press nozzle				
Male M5	X	X		
Male M7	X	X	X	
Male M8		X	X	
Male M10 x1		X		X
Male 1/16" NPT	X	X		
Male G 1/8"		X	X	X
Male 1/8" NPT	X	X	X	
Male 3/8" NPT				
Male G 1/4"		X	X	X
Male 1/4" NPT		X	X	X
Press nozzle 3 x RS, 1 x VS	X	X		
Press nozzle 2 x RS, 2 x 90°	X	X		
Male 1/4"-28 UNF LH		X		
Male 3/8"-24 UNF LH			X	X

Polyflex 2248-TC



- high flexibility
- low weight
- inner tube: polyoxymethylene
- pressure carrier: two layers of steel wire
- cover: polyamide
- temperature: -10°C to +70°C
- particularly resistant to abrasion thanks to the tough cover

Description						
2248D-025V32-TC	4,0 mm	7,9 mm	21.750 psi	54.375 psi	75 mm	0,10 kg/m
2248D-03V32-TC	4,9 mm	9,5 mm	20.300 psi	50.750 psi	95 mm	0,14 kg/m
2248D-05V32-TC	8,1 mm	13,4 mm	14.500 psi	36.250 psi	120 mm	0,25 kg/m

Suitable Fittings:

Fittings	2248D-025	2248D-03	2248D-05
Swivel nut DK05 M 24 x 1,5	X	X	X
Swivel nut G 1/4"	X	X	
Swivel nut G 3/8"			X
Press nozzle	X		
Male M5	X		
Male M7	X		
Male M8	X	X	
Male M10 x 1	X		
Male G 1/4"	X	X	X
Male G 1/8"	X	X	
Male 1/8" NPT	X		
Male 1/16" NPT			
Male G 3/8"			X
Male 3/8" NPT			X
Male 1/4"-28 UNF LH	X		
Male 3/8"-24 UNF LH		X	X

Polyflex 2380N



This ultra-high pressure hose from the Parker Polyflex product range is primarily used as a gun hose due to its excellent flexibility and pliability. As such, it is primarily used in the construction and marine industries as well as for general industrial cleaning.

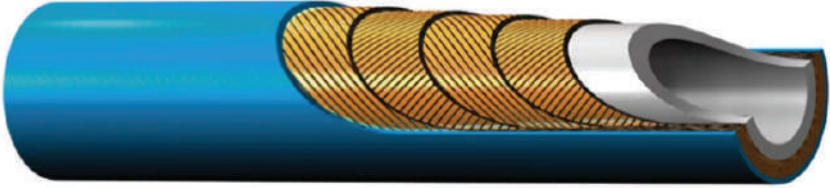
- inner tube: polyamide
- pressure carrier: two spiralized layers and two open spiral layers of steel wire
- cover: polyurethane
- temperature: -10°C to +70°C
- colour: black

Description						
2380N-05V00	8,3 mm	15,7 mm	9.000 psi	36.250 psi	90 mm	0,35 kg/m

Suitable Fittings:

Fittings	2380N
Swivel nut DK05 M24 x 1,5	X
Male G 1/4"	X
Male G 3/8"	X
Swivel nut G 3/8"	X

Polyflex 2440D



- inner tube: polyoxymethylene
- pressure carrier: four layers of steel wire
- cover: polyamide
- temperature: -10°C to +70°C

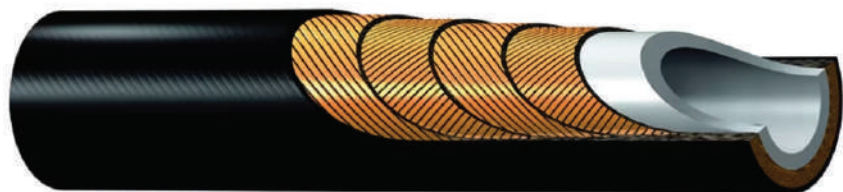
All hoses are also available with a Tough-Cover top cover, which provides extra protection against abrasion.

Description						
2440D-02V32	3,0 mm	7,9 mm	30.450 psi	76.150 psi	100 mm	0,12 kg/m
2440D-025V32	4,0 mm	10,4 mm	31.900 psi	79.750 psi	100 mm	0,21 kg/m
2440D-03V32	4,8 mm	11,5 mm	26.100 psi	65.250 psi	130 mm	0,28 kg/m
2440D-04V32	6,4 mm	12,5 mm	21.280 psi	59.450 psi	155 mm	0,33 kg/m
2440D-05V32	8,1 mm	15,1 mm	21.750 psi	54.375 psi	175 mm	0,44 kg/m

Suitable Fittings:

Fittings	2440D-02	2440D-025	2440D-03	2440D-04	2440D-05
Swivel nut DK05 M16 x 1,5	X	X			
Swivel nut DK05 M18 x 1,5				X	
Swivel nut DK05 M20 x 1,5					X
Swivel nut DK05 M22 x 1,5			X		X
Swivel nut DK05 M24 x 1,5			X	X	X
Swivel nut G 1/4"			X	X	
Swivel nut G 3/8"					X
Swivel nut 9/16" - 18 UNF	X	X	X		
Male G 1/4"		X		X	X
Male 1/4"-28 UNF LH	X	X	X		
Male 1/4" - 28 UNF short		X	X		
Male 3/8"-24 UNF LH		X	X	X	X
Male G 3/8" - kurz			X	X	
Male 9/16"-18 UNF LH			X	X	X
Male M 14 x 1,5 LH		X			X
Male 1/4"-28 UNF RE		X			

Polyflex 2440N



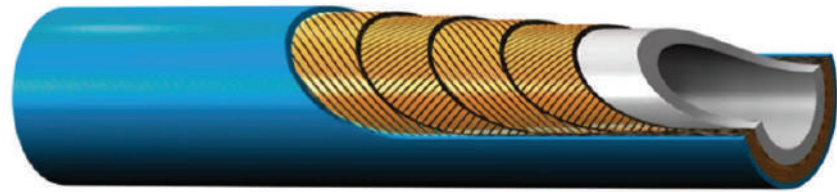
- inner tube: polyamide
- pressure carrier: four layers of steel wire
- cover: polyamide
- temperature: -10°C to +70°C
- colour: black

Description						
2440N-06V30	9,7 mm	19,4 mm	20.300 psi	50.750 psi	190 mm	0,73 kg/m
2440N-08V30	12,8 mm	22,5 mm	20.300 psi	50.750 psi	200 mm	0,94 kg/m
2440N-12V30	19,6 mm	30,0 mm	16.500 psi	36.250 psi	250 mm	1,39 kg/m
2440N-16V30	25,0 mm	37,0 mm	13.050 psi	32.625 psi	300 mm	2,00 kg/m

Suitable Fittings:

Fittings	2440N-06	2440N-08	2440N-12	2440N-16
Swivel nut DKOS M20 x 1,5	X			
Swivel nut DKOS M22 x 1,5	X			
Swivel nut DKOS M24 x 1,5	X	X		
Swivel nut DKOS M36 x 2			X	
Swivel nut DKOS M42 x 2				X
Male 9/16" - 18 UNF LH	X	X		
Male M18 x 1,5 LH		X	X	
Male G 1"			X	X

Polyflex 2448D-TC



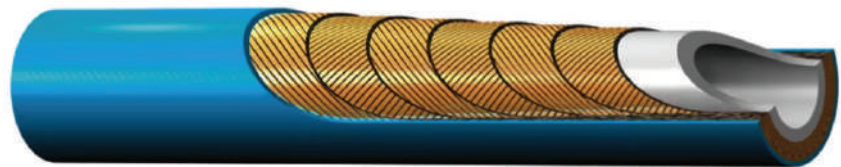
- inner tube: polyoxymethylene
- pressure carrier: four layers of steel wire
- cover: polyamide
- tough-cover upper ceiling
- colour: light blue

Description						
2448D-025V32-TC	4,0 mm	9,9 mm	47.120 psi	94.240 psi	100 mm	0,21 kg/m

Suitable Fittings:

Fittings	2448D-025V32-TC
Male 1/4" - 28 UNF LH	X
Male 1/4" - 28 UNF LH Prolance	X
Male 1/4" - 28 UNF RH	X
Male 3/8" - 24 UNF LH	X
Male 3/8" - 24 UNF LH Prolance	X

Polyflex 2640D



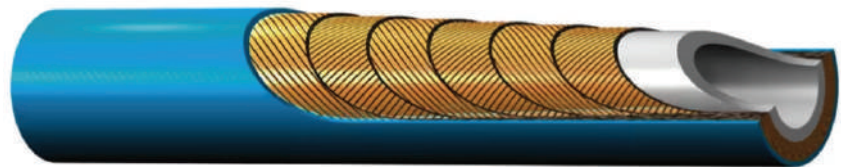
- inner tube: polyoxymethylene
- pressure carrier: six layers of steel wire
- cover: polyamide
- temperature: -10°C to +70°C
- colour: light blue

Description						
2640D-025V32	3,9 mm	12,0 mm	40.600 psi	101.500 psi	140 mm	0,29 kg/m
2640D-03V32	4,8 mm	13,0 mm	36.250 psi	90.625 psi	175 mm	0,41 kg/m
2640D-04V32	6,4 mm	14,6 mm	30.450 psi	76.125 psi	200 mm	0,64 kg/m

Suitable Fittings:

Fittings	2640D-025	2640D-03	2640D-04
Male 1/4" - 28 UNF LH	X	X	
Male 3/8" - 24 UNF LH	X	X	X
Male 9/16" - 18 UNF		X	X
Male M14 x 1,5 LH	X	X	X
Swivel nut 3/4" - 16 UNF			X
Swivel nut 9/16" - 18 UNF	X	X	
LOK-System DN 5-8		X	X

Polyflex 2640N



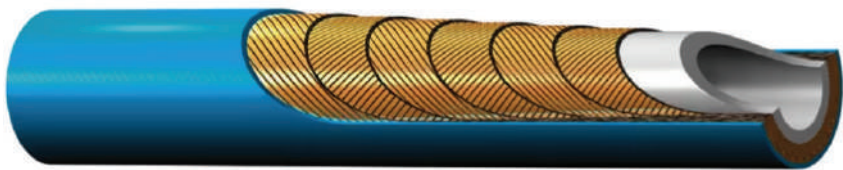
- inner tube: polyamide
- pressure carrier: six layers of steel wire
- cover: polyamide
- temperature: -10°C to +70°C
- color: light blue

Description						
2640N-08V32	12,8 mm	24,5 mm	26.100 psi	65.250 psi	290 mm	1,36 kg/m
2640N-12V32	19,6 mm	33,0 mm	20.300 psi	50.750 psi	350 mm	2,10 kg/m
2640N-16V32	25,0 mm	40,0 mm	17.400 psi	43.500 psi	400 mm	2,90 kg/m

Suitable Fittings:

Fittings	2640N-08	2640N-12	2640N-16
DKOS M24 x 2		X	
DKOS M36 x 2			X
UN 3/4" - 16 UNF	X		
AG M14 x 1,5	X		
AG M18 x 1,5	X		
AG M30 x 1,5	X		
AG 9/16" - 18 UNF	X		
AG 1" - 14 UNF LH		X	X
UN 1" - 12 UNF	X		
UN 1 5/16" - 12 UNF			X
LOK DN 8	X		

Polyflex 2648N



- inner tube: polyamide
- pressure carrier: six layers of steel wire
- cover: polyamide
- temperature: -10°C to +70°C
- colour: light blue

Description						
2648N-12V32	19,8 mm	33,7 mm	23.200 psi	58.000 psi	350 mm	2,28 kg/m
2648N-16V32	25,0 mm	40,0 mm	23.750 psi	54.375 psi	400 mm	3,10 kg/m

Suitable Fittings:

Fittings	2648N-12	2648N-16
Swivel nut M36 x 2	X	
Swivel nut M42 x 2		X
Swivel nut 1 5/16" – 12 UNF	X	X
Male 1" – 14 UNF LH		X

Polyflex 2740D



- inner tube: polyoxymethylene
- pressure carrier: six layers of steel wire
- cover: polyurethane (DN4), polyamide (DN5, DN8, DN12)
- temperature: -10°C to +70°C
- colour: black (DN4), red (DN5)

Description						
2740D-025V14	3,9 mm	12,0 mm	43.500 psi	113.100 psi	120 mm	0,40 kg/m
2740D-03V34	4,8 mm	13,2 mm	40.600 psi	101.500 psi	200 mm	0,47 kg/m
2740D-03V34/15 TJ	12,7 mm	27,0 mm	29.000 psi	72.500 psi	300 mm	1,85 kg/m

Suitable Fittings:

Fittings	2740D-025	2740D-03	2740D-03-TJ
Male 9/16 – 18 UNF		X	X
Male M14 x 1,5 LH	X	X	X
Male 3/8 – 24 UNF LH	X	X	X
Swivel nut 9/16 – 18 UNF Type M	X	X	X
Swivel nut 3/4 – 16 UNF			
Swivel nut G1/4"		X	X
Swivel nut M24 x 1,5			
LOK DN5/DN8		X	X
Male 1/4 – 24 UNF LH	X	X	X

The Tough Jacket variant (2740D-03V34/15-TJ) has an additional orange polyurethane cover over the original red one.

Polyflex 2840D



- inner tube: polyoxymethylene
- pressure carrier: eight winding layers of steel wire
- cover: polyamide
- temperature: -10°C to +70°C
- colour: red

Description						
2840D-03V34	4,6 mm	35,0 mm	58,000 psi	115,000 psi	290 mm	0,66 kg/m

Suitable Fittings:

Fittings	2840D-03
Male 3/8-24 UNF-LH	X
Male 9/16-18 UNF-LH	X
Male 1/4-28 UNF-LH	X
Male M14 x 1,5-LH	X
Swivel nut 9/16-18 UNF-LH	X
LOR DN5	X

Polyflex PFX25



The new PFX25 ultra-high-pressure water jet hose has been specially designed for your high-pressure applications. It is used in various industries requiring pressures of up to 2,500 bar. The new six-wire design significantly reduces weight compared to the eight-wire version. Additionally, a highly abrasion-resistant Tough-Jacket version is available for more extreme conditions.

Compared to previous hoses, the PFX25 offers you the following advantages:

- suitable for applications up to 2500 bar
- improved service life
- high robustness
- low weight
- colour: grey

Technical Data:

- inner tube: POM
- pressure carrier: six spiral inserts made of steel wire with maximum tensile strength
- cover: polyamide (optionally with second top cover made of Tough Jacket material)
- temperature: -10°C to +70°C

Description						
4	4,6 mm	9,0 mm	36,250 psi	90,850 psi	120 mm	0,22 kg/m
5	4,9 mm	12,9 mm	36,250 psi	90,850 psi	125 mm	0,41 kg/m
6	6,4 mm	14,6 mm	36,250 psi	90,850 psi	200 mm	0,55 kg/m
8	7,8 mm	18,0 mm	36,250 psi	90,850 psi	200 mm	0,85 kg/m
8-TJ*	7,8 mm	22,0 mm	36,250 psi	90,850 psi	200 mm	1,00 kg/m

Suitable Fittings:

Fittings	PFX25-4	PFX25-5	PFX25-6	PFX25-8
Swivel nut DROS M16 x 1,5	X			
Male 1/4"	X			
Male M14 x 1,5 LH	X		X	X
Male 1/4" - 28 UNF LH	X	X		
Male 1/4" - 28 UNF RE	X			
Male 1/4" - 28 UNF kurz	X			
Male 3/8 - 24 UNF LH	X	X	X	X
Male 9/16 - 18 UNF		X	X	X
Swivel nut 9/16"-18 UNF LH	X		X	
Swivel nut 3/4" - 16 UNF		X		X
LOR DN5/DN8		X		X

Polyflex PFX30



The new ultra-high-pressure water jet hose, PFX30, has been specifically designed for your highest pressure applications. It can be used for hydrodemolition, construction, shipbuilding, and all markets requiring a pressure of 3010 bar (43,645 psi). It is suitable for use in various applications, such as water jet cleaning systems and industrial cleaning. The new design with only six layers of wire also ensures weight reduction compared to the eight-layer version. For more extreme conditions with increased wear on the top cover, a highly abrasion-resistant Tough-Jacket version is available.

In comparison to the former hoses, the PFX30 offers you the following benefits:

- suitable for applications up to 3010 bar
- improved service life
- high robustness
- low weight

Technical Data:

- inner tube: POM
- pressure carrier: six spiral inserts of steel wire with maximum strength
- cover: polyamide (optional with a second top cover made of Tough Jacket material)
- temperature range: -10°C to +70°C
- colour: orange

Description						
8	7,8 mm	18,7 mm	43.650 psi	301.500 psi	230 mm	0,96 kg/m
8-TJ*	7,8 mm	22,7 mm	43.650 psi	301.500 psi	230 mm	1,32 kg/m
10	9,85 mm	22,7 mm	43.650 psi	90.650 psi	250 mm	1,38 kg/m
10-TJ*	9,85 mm	26,4 mm	43.650 psi	90.650 psi	250 mm	1,53 kg/m
12	12,5 mm	34,0 mm	43.650 psi	90.650 psi	350 mm	2,48 kg/m

Suitable Fittings:

Fittings	PFX30-8	PFX30-10	PFX30-12
Male 9/16 – 18 UNF	X	X	
Male M14 x 1,5 LH	X	X	
Male M18 x 1,5 LH			X
Male M20 x 1,5 LH			X
Swivel nut 3/4 – 16 UNF	X	X	
Swivel nut 1 1/8 – 12	X		
LOK	X	X	X

Polyflex PFX40



The new PFX40 ultra-high-pressure water jet hose has been specifically designed for your high-pressure applications. It can be used in hydrodemolition, construction, shipbuilding, and any markets requiring pressures of up to 4,000 bar (58,000 psi). For more extreme conditions with increased abrasion on the outer layer, a highly abrasion-resistant Tough-Jacket version is available.

In comparison to the former hoses, the PFX40 offers you the following benefits:

- suitable for applications up to 58.000 psi
- improved service life
- high robustness
- low weight

Technische Daten

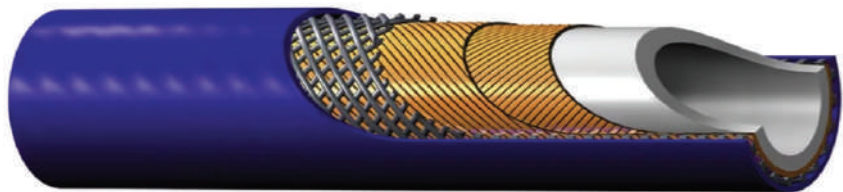
- inner tube: POM
- pressure carrier: eight spiral inserts of steel wire with maximum strength
- cover: polyamide (optional with a second top cover made of Tough Jacket material)
- temperature range: -10°C to +70°C
- colour: red

Description						
8	4,8 mm	15,1 mm	58.000 psi	116.000 psi	200 mm	0,64 kg/m
8-TJ*	4,8 mm	19,1 mm	58.000 psi	116.000 psi	200 mm	0,77 kg/m

Suitable Fittings:

Fittings	PFX40-8
Male 3/8-24 UNF-LH	X
Male 9/16-18 UNF-LH	X
Male 1/4-28 UNF-LH	X
Male M14 x 1,5-LH	X
Swivel nut 9/16-18 UNF	X
LOK DNS	X

BlueLine 2388N



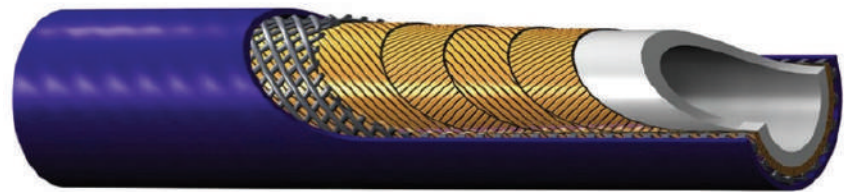
- inner tube: polyamide
- pressure carrier: two spiralized layers of steel wire and two open layers of steel wire
- cover: polyurethane
- temperature: -10°C to +70°C
- colour: dark blue

Description						
2388N-08	10,1 mm	19,8 mm	18.125 psi	45.325 psi	100 mm	0,65 kg/m
2388N-08V12W	12,7 mm	23,0 mm	15.950 psi	39.885 psi	120 mm	0,80 kg/m

Suitable Fittings:

Fittings	2388N-08	2388N-08V12W
DKOS M24 x 1,5	X	X
DKR 1/2" galvanized	X	X
DKR 1/2" VA	X	X
AG 1/2 ST galvanized	X	X

BlueLine 2580N



- inner tube: polyamide
- pressure carrier: four spiralied layers of steel wire and two open layers of steel wire
- cover: polyurethane
- temperature: -10°C to +70°C
- colour: dark blue

Description						
2580N-06V12W	9,8 mm	21,6 mm	23.200 psi	58.000 psi	95 mm	0,96 kg/m
2580N-08V12W	12,9 mm	25,8 mm	20.300 psi	50.750 psi	150 mm	1,19 kg/m
2580N-12V12W	19,8 mm	32,6 mm	17.400 psi	43.300 psi	170 mm	1,76 kg/m

Suitable Fittings:

Fittings	2580N-06	2580N-08	2580N-12
DKOS M24 x 1,5	X	X	
DKOS M22 x 1,5	X	X	
DKR 1/2"	X	X	
DKOS M36 x 2			X
AG 3/8" NPT	X		
AG 1/2" NPT		X	
AG 1/2" NPT VA		X	
AG 3/4" NPT			X
DKR 3/8"	X		
DKR 1/2" VA		X	

PowerJet



- high flexibility
- robustness
- inner tube: synthetic rubber compound
- pressure carrier: 4 (WB2/WB15), 4+1 (WB20) or 6 (WB3) layers of high-strength steel wire
- cover: synthetic rubber compound (especially abrasion resistant and resistant against external influences)
- Temperature:
 - WB 15/ WB 20:
 - Basically up to 100°C
 - 70°C to 90 °C Safety factor raised to 3:1
 - Über 90°C Safety factor raised to 4:1
 - WB 2:
 - -40°C to +80°C

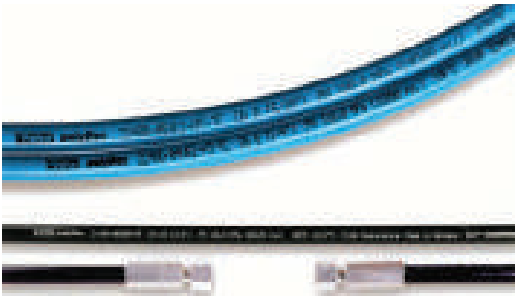
Description	DN	Article-no.						
WB2	10	282374-08	9,5-10,5 mm	20,8 mm	18.150 psi	45.325 psi	230 mm	0,85-0,9 kg/m
	12	282367	12,5-13,5 mm	24,6 mm	15.950 psi	39.875 psi	230 mm	1,24-1,26 kg/m
	20	282369	18,5-20,5 mm	32,0 mm	14.500 psi	36.250 psi	250 mm	1,78-1,87 kg/m
WB15	10	282374-08-H	9,5-10,5 mm	21,4 mm	18.150 psi	45.325 psi	230 mm	0,85-0,9 kg/m
	12	282367-H	12,5-13,5 mm	25,4 mm	15.950 psi	39.875 psi	230 mm	1,24-1,26 kg/m
	20	282369-H	18,5-20,5 mm	31,8 mm	14.500 psi	36.250 psi	250 mm	1,78-1,87 kg/m
WB3	10	282375	9,5-10,5 mm	22,2 mm	19.580 psi	50.760 psi	150 mm	1,10 kg/m
	12	280810	12,5-13,5 mm	29,0 mm	20.300 psi	52.575 psi	250 mm	1,75-1,87 kg/m
	20	282380	18,5-20,5 mm	34,0 mm	19.580 psi	48.950 psi	300 mm	2,14 kg/m
WB20	12	280810-H	12,5-13,5 mm	29,5 mm	20.300 psi	50.760 psi	200 mm	1,75-1,87 kg/m
	20	283370	19,0 mm	35,0 mm	20.300 psi	50.760 psi	300 mm	2,53 kg/m

Suitable Fittings:

Fittings	DN10	DN12	DN20
Swivel nut M24 x 1,5			
Swivel nut M30 x 2			



Hot Water Hoses



tube and an operating pressure of up to 18.125 psi.

Product Highlights:

Improved efficiency through the use of high-temperature water, resulting in better and faster cleaning results. Previously used standard fittings can still be used.

Our POM assortment encompasses:

- 2248D in DN4, DN5 and DN8
- 2240D in DN3, DN4, DN5 and DN6
- 2440D in DN3, DN5, DN6 and DN8
- 2448D in DN4

We can now offer you an even wider range of hoses for cleaning with high temperatures. With the introduction of hot water hoses with a polyoxymethylene (POM) inner tube, the operating pressure increases to 29.000 psi up to a temperature of 100°C. We are also happy to continue offering hot water hoses with a PA inner

Our PA assortment encompasses:

- 2380N in DN10
- 2440N in DN10
- 2580N (BlueLine) in DN12
- 2640N in DN20

Hot Water Hose JetCleaner



- inside smooth
- outside fabric patterned
- UPE foil
- both sides with washer connection M22 x 1,5 (13 mm)
- fittings incl. socket made of VA
- with kink protection
- temperature: -40°C to +150°C
- colour: blue

Article no.	DN		
282181-10	10	8.700 psi	10 m
282181-15	10	8.700 psi	15 m
282181-20	10	8.700 psi	20 m
282181-25	10	8.700 psi	25 m
282181-30	10	8.700 psi	30 m

We can also offer you the HFH hot water hose Jet Cleaner with DKOS M20 x 1.5 fittings if preferred.

HFH Hose Reel

Description: The hose reel for high-pressure hoses provides an efficient and practical solution for storing and handling high-pressure hoses in industrial applications. It is specially designed to securely and neatly store high-pressure hoses with up to 3000 bar (DN8) and lengths of up to 40 meters (with Tough Jacket). With a robust cover, the hoses are protected from damage and can be quickly and easily unrolled when needed.

Features:

- Suitable for high-pressure hoses up to 43.500 psi (DN8) and 20m length (also available in 40m without cover)
- Compatible with 1/2 inch or 3/8 inch high-pressure hoses up to 23.200 psi with cover
- Robust construction weighing 11 kg
- Compact dimensions: Height 900 mm, Length 730 mm, Width 200 mm
- Optimal storage of up to 5 hose reels on one pallet
- Pallet dimensions approximately 100 x 99 x 150 cm with a total weight of 85 kg

Simply flip the locking lever to prevent the reel from rotating.

Article no.: 160493



On our website you will find a video in which this product is presented. 

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 coupling 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.

Temperatures

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

Damages

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 team at any time!

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

