

Hoses



Polyflex 2240D

- High flexibility
- Low weight
- Inner tube: polyoxymethylene
- Pressure carrier: two layers of steel wire
- Cover: polyamide
- Temperature: -10°C to +70°C
- Color: light blue



Description						
2440D-02V32	3.0 mm	7.0 mm	1,100 bar	2,750 bar	60 mm	0.07 kg/m
2440D-025V32	4.0 mm	7.7 mm	1,200 bar	3,000 bar	75 mm	0.10 kg/m
2440D-03V32	4.7 mm	9.5 mm	1,000 bar	2,500 bar	95 mm	0.13 kg/m
2440D-04V32	6.3 mm	11.5 mm	1,100 bar	2,750 bar	110 mm	0.20 kg/m
2440D-05V32	8.0 mm	13.3 mm	900 bar	2,250 bar	120 mm	0.25 kg/m

Suitable fittings

Fittings	2440D-02	2440D-025	2440D-03	2440D-04	2440D-05
DKOS M24 x 1.5	X	X	X	X	X
DKR 1/4"	X	X	X	X	
DKR 3/8"					X
AG M5	X				
AG M7	X	X	X		
AG M8		X	X		
AG M10 x1		X		X	
AGR 1/8"		X	X	X	
AGR 1/8" with NPT		X			
AGR 1/4"		X	X	X	X
AGR 1/4" with NPT				X	
Press gland 3 x RS, 1 x VS	X	X			
Press gland 2 x RS, 2 x 90°	X	X			
1/4"-28 UNF LH		X			
3/8"-24 UNF LH			X	X	

Polyflex 2248 - TC

- Particularly resistant to abrasion thanks to the tough cover
- High flexibility
- Low weight
- Inner tube: polyoxymethylene
- Pressure carrier: two layers of steel wire
- Cover: polyamide
- Temperature: -10°C to +70°C



Description						
2448D-025V32-TC	4.0 mm	7.9 mm	1,500 bar	3,750 bar	75 mm	0.10 kg/m
2248D-03V32-TC	4.9 mm	9.5 mm	1,400 bar	3,500 bar	95 mm	0.14 kg/m
2248D-05V32-TC	8.1 mm	13.4 mm	1,000 bar	2,500 bar	120 mm	0.25 kg/m

Suitable fittings

Fittings	2248D-02	2248D-025	2248D-03	2248D-05
DKOS M 24 x 1.5	X	X	X	X
DKR 1/4"		X	X	X
DKR 3/8"				X
Press gland		X		
AG M5	X	X		
AG M7	X	X		
AG M8		X	X	
AG M10 x 1		X		X
AGR 1/4"		X	X	X
AGR 1/8"	X	X	X	
AGR 1/8" NPT		X		
AGR 3/8"				X
1/4"-28 UNF LH		X		
3/8"-24 UNF LH			X	X

Polyflex 2440D

- Inner tube: polyoxymethylene
- Pressure carrier: four layers of steel wire
- Cover: polyamide
- Temperature: -10°C to +70°C

Except for the 2440D-02V32, all the other hoses are available with an additional tough cover, which can protect the hose from abrasion to a particularly high degree.



Description						
2440D-02V32	3.0 mm	7.9 mm	2,070 bar	5,180 bar	100 mm	0.12 kg/m
2440D-025V32	4.0 mm	10.4 mm	2,200 bar	5,500 bar	100 mm	0.21 kg/m
2440D-03V32	4.8 mm	11.5 mm	1,800 bar	4,500 bar	130 mm	0.28 kg/m
2440D-04V32	6.4 mm	12.5 mm	1,640 bar	4,100 bar	155 mm	0.33 kg/m
2440D-05V32	8.1 mm	15.1 mm	1,500 bar	3,750 bar	175 mm	0.44 kg/m

Suitable fittings

Fittings	2440D-02	2440D-025	2440D-03	2440D-04	2440D-05
DKOS M16 x 1.5	X	X			
DKOS M22 x 1.5			X		X
DKOS M24 x 1.5			X	X	X
DKR 1/4"			X	X	
DKR 3/8"					X
UM 9/16" - 18 UNF	X	X	X		
AGR 1/4"		X		X	X
AG 1/4"-28 UNF LH	X	X	X		
AG 1/4" - 28 UNF short			X		
AG 3/8"-24 UNF LH		X	X	X	X
AG 3/8" - short			X	X	
AG 9/16"-18 UNF LH			X	X	X
AG M 14 x 1.5 LH					X

Polyflex 2440N

- Inner tube: polyamide
- Pressure carrier: four layers of steel wire
- Cover: polyamide
- Temperature: -10°C to +70°C
- Color: black



Description						
2440N-06V30	9.7 mm	19.4 mm	1,400 bar	3,500 bar	190 mm	0.73 kg/m
2440N-08V30	12.8 mm	22.5 mm	1,300 bar	3,250 bar	200 mm	0.94 kg/m
2440N-12V30	19.6 mm	30.0 mm	1,000 bar	2,500 bar	250 mm	1.39 kg/m
2440N-16V30	25.0 mm	37.0 mm	900 bar	2,250 bar	300 mm	2.00 kg/m

Suitable fittings

Fittings	2440N-06	2440N-08	2440N-12	2440N-16
DKOS M22 x 1.5	X			
DKOS M24 x 1.5	X	X		
DKOS M36 x 2 -			X	
DKOS M42 x 2				X
AG 9/16" - 18 UNF LH	X	X		
AGR 1"			X	X

Polyflex 2448D-TC

- Inner tube: polyoxymethylene
- Pressure carrier: four layers of steel wire
- Cover: polyamide
- Tough-cover upper ceiling



Description						
2448D-025V32-TC	4.0 mm	9.9 mm	3,250 bar	6,500 bar	100 mm	0.21 kg/m

Suitable fittings

Fittings	2448D-TC
AG 3/8" – 24 UNF LH	X
AG 3/8" – 24 UNF LH Prolance	X
AG 1/4" – 28 UNF LH	X
AG 1/4" – 28 UNF LH Prolance	X

Polyflex 2640D

- Inner tube: polyoxymethylene
- Pressure carrier: six layers of steel wire
- Cover: polyamide
- Temperature: -10°C to +70°C
- Color: light blue



Description						
2640D-025V32	3.9 mm	12.0 mm	2,800 bar	7,000 bar	140 mm	0.29 kg/m
2640D-03V32	4.8 mm	13.0 mm	2,500 bar	6,250 bar	175 mm	0.41 kg/m
2640D-05V32	8.0 mm	16.9 mm	2,100 bar	5,250 bar	225 mm	0.68 kg/m

Suitable fittings

Fittings	2640D-025	2640D-03	2640D-05
AG 1/4" - 28 UNFLH	X	X	
AG 3/8" - 24 UNFLH	X	X	X
AG 9/16" - 18 UNF		X	X
AG M14 x 1.5 LH		X	X
ÜM 3/4" -16 UNF			X
ÜM 9/16" - 18 UNF	X	X	
LOK 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	1,800 bar	4,500 bar	290 mm	1.36 kg/m
2640N-12V32	19.6 mm	33.0 mm	1,400 bar	3,500 bar	350 mm	2.10 kg/m
2640N-16V32	25.0 mm	40.00 mm	1,200 bar	3,000 bar	400 mm	2.90 kg/m

Suitable fitting

Fittings	2640N-08V32	2640N-12V32	2640N-16V32
AG 1 – 12 UNF	X		
AG M18 x 1.5 & M20 x 1.5	X		
DKOS M24 x 1.5	X		
DKOS M36 x 2		X	
DKOS M42 x 2			X
ÜM 1 5/16 – 12 UNF		X	
ÜM 3/4 -16 UNF	X		

Polyflex 2648N

- Inner tube: polyamide
- Pressure carrier: six layers of steel wire
- Cover: polyamide
- Temperature: -10°C to +70°C
- Color: light blue



Description						
2648N-12V32	19.8 mm	33.7 mm	1,600 bar	4,000 bar	350 mm	2.28 kg/m
2648N-16V32	25.0 mm	40.0 mm	1,500 bar	3,750 bar	400 mm	3.10 kg/m

Suitable fittings

Fittings	2648N-12V32	2648N-16V32
DKOS M36 x 2	X	
DKOS M42 x 2		X
ÜM 1 5/16 – 12 UNF	X	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
- Color: yellow (DN4, DN8 with PU-ceiling), red (DN5, DN8), black (DN12)



Description						
2740D-025V16	3.9 mm	12.0 mm	3,000 bar	7,800 bar	120 mm	0.40 kg/m
2740D-03V34	4.8 mm	13.2 mm	2,800 bar	7,000 bar	200 mm	0.47 kg/m
2740D-05V34	7.8 mm	17.2 mm	2,500 bar	6,250 bar	200 mm	0.83 kg/m
2740D-08V30	12.7 mm	27.0 mm	2,000 bar	5,000 bar	300 mm	1.85 kg/m

Suitable fittings

Fittings	2740D-025	2740D-03	2740D-05	2740D-08
AG 1/4 -28 UNF-LH	X	X		
AG 3/8-24 UNF-LH	X	X	X	
AG 9/16-18 UNF-LH		X	X	
AG M14x1.5 LH	X	X	X	
AG M18 x 1.5 LH & AG M20 x 1.5 LH				X
DKOS M24 x 1.5				X
LOK DN 5		X		
LOK DN 8			X	
UM 3/4 -16 UNF			X	
UM 9/16-18 UNF	X	X		

Polyflex 2741D

- Inner tube: polyoxymethylene
- Pressure carrier: six layers of steel wire
- Cover: polyamide & polyurethane
- Temperature: -10°C to +70°C
- Color: yellow
- Abrasion-resistant



Description						
2741D-05V16	7.8 mm	21.8 mm	2,500 bar	6,250 bar	200 mm	0.95 kg/m

Suitable fittings

Fittings	2741D-05
AG 9/16-18 UNF-LH	X
AG M14x1.5 LH	X
AG 3/8-24 UNF-LH	X
UM 3/4 -16 UNF	X
LOK DN8	X

Polyflex 2748D

- Inner tube: polyoxymethylene
- Pressure carrier: six layers of steel wire
- Cover: polyamide, respectively option to add polyurethane
- Temperature: -10°C to +70°C
- Color: red, yellow (including PU-ceiling)
- Abrasion-resistant



Description						
2748D-05V34	7.8 mm	17.3 mm	2,800 bar	7,000 bar	230 mm	0.83 kg/m

Suitable fittings

Fittings	2748D-05
AG M14x1.5	X
ÜM 3/4 -16 UNF	X
AG 9/16-18 UNF	X
LOK DN8	X

Polyflex 2749D

- Inner tube: polyoxymethylene
- Pressure carrier: six layers of steel wire
- Cover: polyamide, respectively option to add polyurethane
- Temperature: -10°C to +70°C
- Color: red, yellow (including PU-ceiling)



Description						
2749D-03V34	4.8 mm	13.3 mm	3,010 bar	7,000 bar	200 mm	0.47 kg/m
2749D-05V34	7.8 mm	17.3 mm	3,010 bar	7,000 bar	230 mm	0.83 kg/m







Suitable fittings

Fittings	2749D-03	2749D-05
AG 9/16-18 UNF	X	X
AG M14x1.5	X	X
AG 3/8-24 UNF-LH	X	X
UM 9/16-18 UNF	X	
AG 1/4 -24 UNF-LH	X	
LOK DN5/DN8	X	X

Polyflex 2840D

- Inner tube: polyoxymethylene
- Pressure carrier: eight layers of steel wire
- Cover: polyamide
- Temperature: -10°C to +70°C
- Color: red (DN5, DN8), black (DN12)



Description						
2840D-03V34	4.6 mm	15.0 mm	4,000 bar	8,000 bar	200 mm	0.66 kg/m
2840D-05V34	7.8 mm	19.5 mm	3,000 bar	7,000 bar	250 mm	1.10 kg/m
2840D-08V30	12.7 mm	29.8 mm	2,500 bar	6,250 bar	350 mm	2.50 kg/m

Suitable fittings

Fittings	2840D-03	2840D-05	2840D-08
AG 9/16-18 UNF-LH	X	X	
AG M14 x 1.5	X	X	
AG M18 x 1.5 LH			X
AG M20 x 1.5 LH			X
AG 3/8-24 UNF	X	X	
AG 1/4 -28 UNF	X		
UM 9/16-18 UNF	X		
UM 3/4 -16 UNF		X	
LOK DN5/DN8/DN12	X	X	X
AG 1 - 14 UNFLH			X

Polyflex 2848D

- Inner tube: polyoxymethylene
- Pressure carrier: eight layers of steel wire
- Cover: polyamide
- Temperature: -10°C to +70°C
- Color: red (DN8), black (DN12), yellow (DN8 with PU-ceiling)



Description						
2848D-05V34	7.8 mm	19.6 mm	3,200 bar	8,000 bar	280 mm	1.10 kg/m
2848D-08V30	13.0 mm	29.9 mm	3,000 bar	6,250 bar	350 mm	2.50 kg/m

Suitable fittings

Fittings	2848D-05	2848D-08
AG M14 x 1-5 LH	X	
AG M20 x 1-5 LH		X
AG 3/8 - 24 UNF LH	X	
AG 9/16 - 18 UNF LH	X	
LOK DN 8	X	
LOK DN 12		X

PowerJet

- High flexibility
- Robustness
- Inner tube: synthetic rubber compound
- Pressure carrier: 4 (BWB2 / WB15), 4+1 (WB20) or 6 (WB3) layers, high-strength rubber compound (particularly abrasion-resistant and resistant to external influences)
- Temperature: -40°C to +80°C



DN	Article no.				
WB2/WB15	10 282374-08 /-H	9.5-10.5/20.8 mm	1,250/3,125 bar	230 mm	0.85-0.90 kg/m
	12 282367/-H	12.5-13.5/24.6 mm	1,100/2,750 bar	230 mm	1.24-1.26 kg/m
	20 282369/-H	18.5-20.5/32.0 mm	1,000/2,500 bar	250 mm	1.78-1.87 kg/m
WB3/WB20	10 282375/-H	9.5-10.5/22.2 mm	1,350/3,500 bar	150 mm	1.10 kg/m
	12 280810/-H	12.5-13.5/29.0 mm	1,400/3,625 bar	250 mm	1.75-1.87 kg/m
	20 282380	18.5-20.5/34.0 mm	1,350/3,375 bar	300 mm	2.14 kg/m

Suitable fittings

Fittings	DN10	DN12	DN20
DKOS M24 x 1.5	X	X	
DKOS M36 x 2			X

BlueLine 2388N

- Inner tube: polyamide
- Pressure carrier: two layers of steel wire and two open layers of steel wire
- Cover: polyurethane
- Temperature: -10°C to +70°C
- Color: blue



Description						
2388N-08V12W	12.7 mm	23.0 mm	1,100 bar	2,750 bar	100 mm	0.80 kg/m

Suitable fittings

Fittings	2388N-08
DKOS M24 x 1.5	X
DKR 1/2" galvanized	X
DKR 1/2" VA	X
AGR 1/2" ST galvanized	X

BlueLine 2580N

- Inner tube: polyamide
- Pressure carrier: four layers of steel wires and two open layers of steel wire
- Cover: polyurethane
- Temperature: -10°C to +70°C
- Color: dark blue



Description						
2580N-06V12	9.8 mm	21.6 mm	1,600 bar	4,000 bar	95 mm	0.94 kg/m
2580N-08V12	12.9 mm	25.0 mm	1,400 bar	3,500 bar	110 mm	1.19 kg/m
2580N-12V12	19.8 mm	32.6 mm	1,200 bar	3,000 bar	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

Hot water hoses

We can now offer you an even larger assortment of hoses for cleaning purposes with high temperatures.

Due to the introduction of hot water hoses with an inner tube of polyoxymethylene (POM), the baseline pressure rises to 2,000 bar with temperatures up to 100°C.

We are happy to continue offering hot water hoses with a PA inner tube and a working pressure of up to 1,250 bar.

Product highlights

Greater efficiency due to the usage of highly-tempered water, leading to better and faster cleaning.

Previously used standard fittings can still be used.

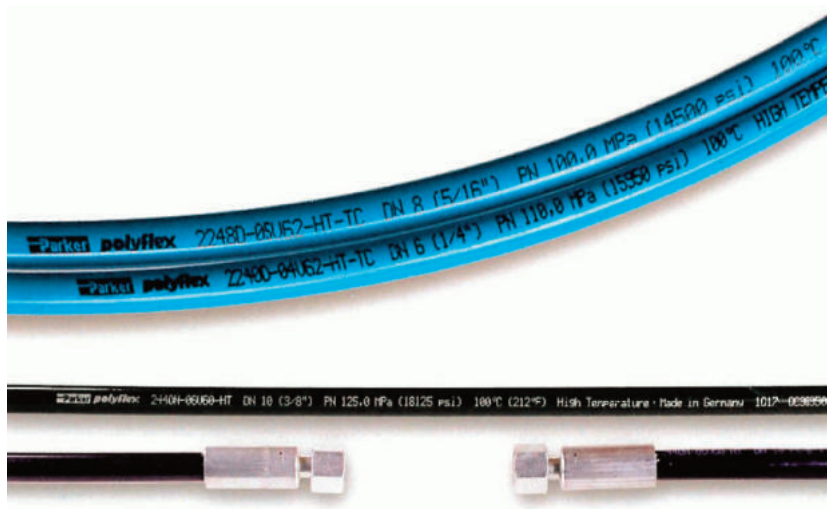
Our POM assortment encompasses:

2248D in DN4, DN5 and DN8

2240D in DN3, DN4, DN5 and DN6

2440D in DN3, DN5, DN6 and DN8

2448D in DN4



Our PA assortment encompasses:

2380N in DN10

2440N in DN10

2580N (BlueLine) in DN12

2640N in DN20

Tough Jacket™

The new generation of particularly abrasion-resistant hoses

The ToughJacket™ ultra high pressure hoses are equipped with an additional polyurethane cover that is not only robust but also flexible. This cover is even more abrasion-resistant than the traditional cover with two layers.

Tests in compliance with ISO 6945 have shown that the polyurethane cover is 100 times more abrasion-resistant than that made of PU.

Color Guard™ technology is integrated to provide you with an additional safety measure. This technology includes a second cover, whose color is different from the outer one and therefore denotes hints of abrasion.



Your advantages:

- Particularly abrasion-resistant polyurethane cover
- Color Guard™ technology
- No necessity for an additional PU cover, respectively protective hose
- Weight reduction of up to 16%
- Standard armatures can be used

Our Tough Jacket™ portfolio encompasses:

2440N in DN12

2740D in DN5 and DN8

2748D in DN8

2749D in DN8

2840D in DN5 and DN8

2849D in DN8

New!

Fittings



Polyflex LOK-System



Polyflex LOK adapters are characterized by their simple, quick, and convenient assembly. Irrespective of their simple assembly, that is also feasible without any tools, they are approved up to a working pressure of 3,200 bar with a safety coefficient of 2.5.

Simple plugging allows to pre-empt assembly errors and prevents hoses from twisting during usage.

The LOK-System is available in the following sizes:

- DN5
- DN8
- DN12



Your advantages:

- Simple, quick and convenient assembly
- High safety in operation
- Assembly without any tools
- Reduction of assembly errors
- Tear-off protected
- Great time savings

Further fittings



AG 1/4" - 28 UNF LH
Prolance and normal



AG 3/8" short



AG 1/4" - 28 UNF
short



AG 9/16-18 UNF



AG 3/8" - 24 UNF LH
Prolance and normal



AG M14 x 1,5 LH



AG M10



AG M20 x 1,5



AG M5



AG M7



AG M8



AGR 1/4"



AGR 1/8"



DKOS M22 x 1,5



DKOS M24 x 1,5



DKOS M36 x 2



DKOS M42 x 2



DKR 1/2" galvanized
and stainless steel



DKR 1/4"



DKR 3/8"



ÜM 9/16"-18 UNF

UHP swivle fitting

The new Parker Polyflex UHP swivle fitting ensures a high degree of flexibility – even during application! During the fitting's rotation, the hose remains unaffected by those rotations and is not twisted.

Available for DN5 and DN8 with a working pressure of up to 4,000 bar.

New!



We are happy to offer you further fittings on request!