

PFX25

2500 bar (36,250 psi) water blasting hose



PFX25 - A new development by Parker Hannifin in DN8 with 2500 bar working pressure - designed for the water blast market in accordance with ISO23384, designation B-250/8/250 MPa and DIN EN 1829-2.

The new design of PFX25 with just 4 to 6 layers of wire offers robustness and improvement of service life.

The new hose incorporates WJTA Color Coding – the hose is available ex stock with silver cover – other colors are available on request.

For extreme conditions with increased abrasion requirements a ToughJACKET™ version in WJTA-coded silver is also available.

Please ask for PFX25-TJ. Qualified with standard 2X fitting series you can select from a wide range of available connection types.

Contact Information

EMEA Product Information Centre
Free phone: 00 800 27 27 5374
(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL, IS, IT, LU, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)



Features

- 2500 bar working pressure
- 8 mm inner diameter
- 4 to 6 layers of high strength wire
- WJTA color coding
- ToughJACKET™ on request (PFX25-05-TJ)

Benefits

- Suitable for applications up to 2500 bar
- More robust than common 6 layer constructions
- Improved service life



ENGINEERING YOUR SUCCESS.

PFX25

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Hose Construction

Inner tube:
POM

Reinforcement:
Four to six spiral layers of maximum tensile steel wire

Cover:
PA, silver - alternatively with double cover ToughJACKET™

Operating Parameters

Temperature Range:
-10°C to +70°C



Hose

Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Min. bend radius mm	Weight kg
	DN	Inch	Size	mm		Max. working pressure		Min. burst pressure			
						MPa	psi	MPa	psi		
PFX25-025	4	-025	4.0	5/32	9.9	250	36.250	625	90.625	120	0,22
PFX25-03	5	-03	4.9	3/16	12.9	250	36.250	625	90.625	175	0,41
PFX25-04	6	-04	6.4	1/4	14.6	250	36.250	625	90.625	200	0,55
PFX25-05	8	5/16	-05	7.8	18.0	250	36.250	625	90.625	200	0.85
PFX25-05-TJ	8	5/16	-05	7.8	22.0	250	36.250	625	90.625	200	1.00

Fittings

Description		Part Number	A mm	B mm	J mm
Type M female swivel	3/4 - 16 UNF	1AY2X-8-05	91	38	27
Type M female swivel	7/8 - 14 UNF	1AY2X-10-05	91	38	30
Type M female swivel	1 1/8 - 11 UNF	1AY2X-13-05	91	38	36
Metric female swivel heavy series with O-ring	M20x1.5	1C92X-12-05	91	38	27
High pressure tube nipple metric - LH thread	M14x1.5 - LH	1YM2X-6-05	125	72	-
UHP Swivel Fitting UNF	1 1/8 - 12 UNF	1YX2X-9-05	105	54	30
UHP Swivel Fitting metric	M26x1.5	1YY2X-9-05	105	54	27
UHP Swivel Fitting metric	M30x2	1YY2X-10-05	105	54	32
High pressure tube nipple UNF - LH thread	3/8 - 24 UNF-LH	1Y42X-6-05	116	63	-
High pressure tube nipple UNF - LH thread	9/16 - 18 UNF-LH	1Y42X-9-05	125	72	-