

# PFX21-08

2100 bar (30,450 psi) water blasting hose



PFX21-08 - A new development by Parker Hannifin in DN12 with 2100 bar working pressure - designed for the water blast market. The new design of PFX21-08 offers robustness and long service life designed for the water blast market in accordance with ISO23384, designation B-210/12,5/210 MPa and DIN EN 1829-2.

PFX21-08 incorporates a silver cover according WJTA Color Coding – other colors are available on request.

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

PFX21-08-TJ is 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

- 2100 bar working pressure
- 12,5 mm inner diameter
- 6 layers of high strength wire
- WJTA color coding
- ToughJACKET™ (PFX21-08-TJ)
  - Extra abrasion resistant Polyurethane cover
  - Featuring ColorGard™ technology, a second outer cover layer that contrasts with the outer cover color
  - No extra PVC sheath needed,
    - compact O.D.
    - lighter weight assemblies (up to 16 %)

## Benefits

- Suitable for applications up to 2100 bar
- Visual pressure indication increases safety
- Long life time & reduced machine down time in critical applications and in harsh environments
- Visual inspection of wear possible, that acts as a warning indicator of hose abrasive wear
- Less weight and drag, making it easier for operators to maneuver the hose, less operator fatigue and therefore improved performance

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## Hose Construction

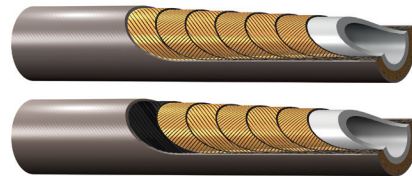
**Inner tube:**  
POM

**Reinforcement:**  
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		
PFX21-08	12	1/2	-08	13.0	27.1	210	30.450	525	76.125	300	1.85
PFX21-08-TJ	12	1/2	-08	13.0	31.1	210	30.450	525	76.125	300	2.06

## Fittings

Description		Part Number	A mm	B mm	J mm
High pressure tube nipple metric – LH thread	M14x1.5 - LH	1YM2X-6-08	139	73	-
High pressure tube nipple metric – LH thread	M18x1.5 - LH	1YM2X-11-08	143	78	-
High pressure tube nipple metric – LH thread	M20x1.5 - LH	1YM2X-12-08	143	78	-
Metric female swivel heavy series with O-ring	M24x1.5	1C92X-16-08	112	46	32
Type M female swivel	1 - 12 UNF	1AY2X-11-08	102	37	32
High pressure tube nipple UNF - LH thread	9/16 - 18 UNF-LH	1Y42X-9-08	139	73	-
High pressure tube nipple UNF - LH thread	1 - 14 UNF-LH	1Y42X-16-08	143	78	-