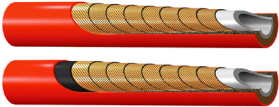


PFX38 – 3800 bar Ultra-high pressure hose



CONSTRUCTION

Core tube

: Polyoxymethylene

Pressure reinforcement

: Eight spiral layers of maximum tensile wire

Cover

: Polyamide, alternatively with double cover ToughJACKET™

Standard colour

: Red

TEMPERATURE RANGE

-40°C up to +70°C

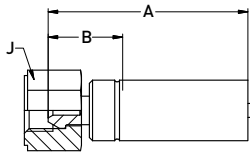
- TJ cover = double cover for extreme conditions with increased abrasion requirements ToughJACKET™
- Red cover according WJTA Color Coding
- Hose in accordance with ISO 23384 and DIN EN 1829-2.

#												Fittings Series
	DN	size	mm	inch	mm	MPa	psi	MPa	psi	mm	kg/m	
PFX38-05	8	-05	7.8	5/16	20.5	380	55100	760	110200	280	1.26	2X
PFX38-05-TJ	8	-05	7.8	5/16	24.5	380	55100	760	110200	280	1.43	2X



NOTES

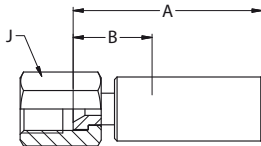
1922X – BSP female swivel (60° cone)



MATERIAL Nipple: very high strength stainless steel
Shell and nut: high strength carbon steel, zinc plated, C-stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1922X-4-025	4	-025	4.0	5/32	G 1/4	70	26	22	301	43645
1922X-4-03	5	-03	4.8	3/16	G 1/4	79	26	22	301	43645

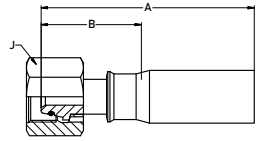
16Y2X – High pressure female swivel



MATERIAL Nipple: very high strength stainless steel
Shell and nut: high strength carbon steel, zinc plated, C-stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
16Y2X-4-025	4	-025	4.0	5/32	9/16 - 18UNF	76	23	19	400	58000
16Y2X-4-025C	4	-025	4.0	5/32	9/16 - 18UNF	76	23	19	400	58000
16Y2X-4-03	5	-03	4.8	3/16	9/16 - 18UNF	76	23	19	400	58000

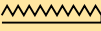
1C92X – Metric female swivel heavy series with O-ring



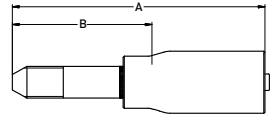
MATERIAL Nipple: very high strength stainless steel

Shell: DN8, DN10 – stainless steel, all others high strength carbon steel zinc plated, C-stainless steel

Nut: high strength carbon steel zinc plated, C-stainless steel

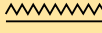
#	⊙					A	B	J 		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C92X-12-05	8	-05	7.9	5/16	M20x1.5	91	38	27	301	43645
1C92X-12-06	10	-06	9.9	3/8	M20x1,5	95	38	27	301	43645
1C92X-16-06	10	-06	9.9	3/8	M24x1,5	95	38	32	301	43645
1C92X-16-08	12	-08	12.7	1/2	M24x1,5	117	47	32	301	43645
1C92X-16-08C	12	-08	12.7	1/2	M24x1,5	117	47	32	301	43645

1Y42X – High pressure tube nipple UNF – LH thread

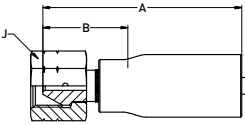


MATERIAL Nipple: very high strength stainless steel

Shell: DN8, DN10 – stainless steel, all others high strength carbon steel zinc plated, C-stainless steel

#	⊙					A	B		
	DN	size	mm	inch		mm	mm	MPa	psi
1Y42X-4-025	4	-025	4.0	5/32	1/4 - 28UNF-LH	88	45	400	58000
1Y42X-4-025C	4	-025	4.0	5/32	1/4 - 28UNF-LH	88	45	400	58000
1Y42X-6-025	4	-025	4.0	5/32	3/8 - 24UNF-LH	98	55	400	58000
1Y42X-6-025C	4	-025	4.0	5/32	3/8 - 24UNF-LH	98	55	400	58000
1Y42X-4-03	5	-03	4.8	3/16	1/4 - 28UNF-LH	116	63	400	58000
1Y42X-4-03C	5	-03	4.8	3/16	1/4 - 28UNF-LH	116	63	400	58000
1Y42X-6-03	5	-03	4.8	3/16	3/8 - 24UNF-LH	116	63	400	58000
1Y42X-9-03	5	-03	4.8	3/16	9/16 - 18UNF-LH	116	63	400	58000
1Y42X-9-03C	5	-03	4.8	3/16	9/16 - 18UNF-LH	116	63	400	58000
1Y42X-6-03C	5	-03	4.8	3/16	3/8 - 24UNF-LH	116	63	400	58000
1Y42X-6-04	6	-04	6.4	1/4	3/8 - 24UNF-LH	116	63	400	58000
1Y42X-9-04	6	-04	6.4	1/4	9/16 - 18UNF-LH	116	63	400	58000
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24UNF-LH	116	63	400	58000
1Y42X-9-05	8	-05	7.9	5/16	9/16-18 UNF LH	125	72	400	58000
1Y42X-9-06	10	-06	9.9	3/8	9/16-18 UNF LH	130	72	400	58000
1Y42X-9-08	12	-08	12	1/2	9/16 - 18 UNF - LH	139	73	400	58000
1Y42X-16-08	12	-08	12	1/2	1 - 14 UNS - LH	143	77.5	400	58000

1AY2X – Type “M” female swivel

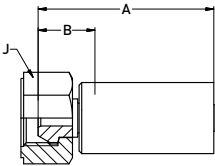


MATERIAL Nipple: very high strength stainless steel

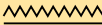
Shell: DN8, DN10 – stainless steel, all others high strength carbon steel zinc plated, C-stainless steel
Nut: high strength carbon steel zinc plated, C-stainless steel

#						A		B		
	DN	size	mm	inch		mm	mm	mm		
1AY2X-6-025	4	-025	4.0	5/32	9/16 - 18UNF	61	24	22	400	58000
1AY2X-6-025C	4	-025	4.0	5/32	9/16 - 18UNF	61	24	22	400	58000
1AY2X-6-03	5	-03	4.8	3/16	9/16 - 18UNF	91	38	22	400	58000
1AY2X-6-03C	5	-03	4.8	3/16	9/16 - 18UNF	91	38	22	400	58000
1AY2X-6-04	6	-04	6.4	1/4	9/16-18 UNF	91	38	22	400	58000
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16UNF	91	38	27	400	58000
1AY2X-8-06	10	-06	9.9	3/8	3/4 - 16UNF	95	38	27	400	58000
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14UNF	91	38	30	400	58000
1AY2X-11-08	12	-08	12.7	1/2	1-12 UNF	107	37	32	400	58000
1AY2X-11-08C	12	-08	12.7	1/2	1-12 UNF	107	37	32	400	58000
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 12UNF	91	38	36	400	58000
1AY2X-13-05C	8	-05	7.9	5/16	1 1/8 - 12UNF	91	38	36	400	58000

1MR2X – Metric female swivel 59° cone



MATERIAL Nipple: very high strength stainless steel
Shell and nut high strength carbon steel zinc plated

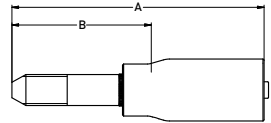
#						A		B		
	DN	size	mm	inch		mm	mm	mm		
1MR2X-6-025	4	-025	4.0	5/32	M12x1,5	88	45	17	400	58000
1MR2X-8-025	4	-025	4.0	5/32	M14x1,5	61	24	22	400	58000
1MR2X-10-025	4	-025	4.0	5/32	M16x1,5	61	24	22	400	58000
1MR2X-6-03	5	-03	4.8	3/16	M12x1,5	116	63	17	400	58000
1MR2X-8-03	5	-03	4.8	3/16	M14x1.5	91	38	22	400	58000
1MR2X-10-03	5	-03	4.8	3/16	M16x1.5	91	38	22	400	58000
1MR2X-12-03	5	-03	4.8	3/16	M18x1.5	91	38	24	400	58000

1TM2X – Polyflex Lok components



#	Description
1TM2X-8-03-HPK	Fitting for DN5 hoses incl. caps (refer to chapter D)
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to chapter D)
1TM2X-9-08-HPK	Fitting for DN12 hoses incl. caps (refer to chapter D)

1YM2X – High pressure tube nipple metric – LH thread

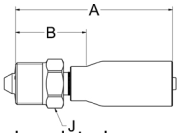


MATERIAL

Nipple: very high strength stainless steel
Shell: DN8, DN10 – stainless steel, all others high strength carbon steel zinc plated, C-stainless steel

#						A		B		
	DN	size	mm	inch		mm	mm	MPa	psi	
1YM2X-6-025	5	-03	4.8	3/16	M14x1.5-LH	67	112	400	58000	
1YM2X-6-03	5	-03	4.8	3/16	M14x1.5-LH	116	63	400	58000	
1YM2X-6-03C	5	-03	4.8	3/16	M14x1.5-LH	116	63	400	58000	
1YM2X-6-04	6	-04	6.4	1/4	M14x1.5-LH	116	63	400	58000	
1YM2X-6-05	8	-05	7.9	5/16	M14x1.5-LH	125	72	400	58000	
1YM2X-6-06	10	-06	9.9	3/8	M14x1.5 - LH	130	72	400	58000	
1YM2X-6-08	12	-08	12.5	1/2	M14x1.5 - LH	139	73	400	58000	
1YM2X-11-08	12	-08	12.5	1/2	M18x1.5-LH	78	144	400	58000	
1YM2X-12-08	12	-08	12.5	1/2	M20x1.5-LH	78	144	400	58000	

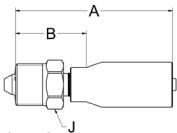
1YX2X – High pressure swivel fitting UNF
Rotatable under pressure



MATERIAL Nipple: very high strength stainless steel
Shell: DN8 – stainless steel, all others high strength carbon steel zinc plated,
Gland nut: stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1YX2X-6-03	5	-03	4.8	3/16	3/4-16 UNF	95	45	22	400	58000
1YX2X-9-03	5	-03	4.8	3/16	1 1/8-12 UNF	98	48	30	400	58000
1YX2X-9-05	8	-05	7.9	5/16	1 1/8 - 12 UNF	105	54.5	30	400	58000

1YY2X – High pressure swivel fitting metric
Rotatable under pressure



MATERIAL Nipple: very high strength stainless steel
Shell: DN8 – stainless steel, all others high strength carbon steel zinc plated,
Gland nut: stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1YY2X-6-025	4	-025	4.0	5/32	M20x1,5	91	47	22	400	58000
1YY2X-6-03	5	-03	4.8	3/16	M20x1,5	95	45	22	400	58000
1YY2X-9-03	5	-03	4.8	3/16	M26x1,5	98	48	27	400	58000
1YY2X-9-05	8	-05	7.9	5/16	M26x1.5	105	54.5	30	400	58000
1YY2X-10-03	5	-03	4.8	3/16	M30x2	98	48	32	400	58000
1YY2X-10-05	8	-05	7.9	5/16	M30x2	105	54.5	32	400	58000