

**P3 & 700**



**APPLICATIONS**

Ideal for cryogenic and technical gasses, industrial and aeronautical refrigeration, exhaust gas system, inflammable fluids, LPG, blast furnaces transformers and compressors.

**CONSTRUCTION**

Standard pitch corrugated tube in SS316L and Braid in SS304L or SS316L

**SIZES**

1/4" - 2" (P3), 2-1/2" - 14" (700)

**TEMPERATURE RANGE**

-270°C to 600°C

**Corrugated Stainless Steel Braided Hose**

**FEATURES**

- Annular design for greater flexibility
- Consistent pitch with uniform corrugations
- Absorb vibrations
- Improved resistance to chemical corrosion
- Suitable for high pressure applications
- Eliminates misalignment
- Manufactured and tested in accordance to ISO 10380 standards (1/4" to 2")
- Complies with DNV GL standard

**REMARKS**

Double braids or containment, heat tracing, hose cover options and other materials available on request

**1/4" to 2" (In accordance with ISO 10380 Standards)**

Code	Nom. ID (inch)	Braid Layers	Braid Coverage (%)	Nom. OD (mm)	Max. Pressure @ 21°C (bar) <sup>a</sup>		Bend Radius		Weight (kg/m)
					Work <sup>b</sup>	Nom. Burst	Dynamic (mm)	Static (mm)	
XP006	1/4"	0		9.65	4.96	-			0.06
		1	95	10.92	162.72	650.87	80.01	27.94	0.14
		2		12.19	195.26	781.04			0.22
XP008	5/16"	0		12.19	4.96	-			0.08
		1	92	13.46	113.56	454.23	123.19	31.24	0.18
		2		14.73	136.24	544.96			0.27
XP010	3/8"	0		14.22	4.96	-			0.11
		1	93	15.75	113.01	452.02	129.03	38.61	0.24
		2		17.27	135.62	542.48			0.37
XP013	1/2"	0		16.76	4.96	-			0.11
		1	92	18.29	84.46	337.84	138.94	44.45	0.27
		2		19.81	101.35	405.41			0.42
XP016	5/8"	0		21.59	4.90	-			0.19
		1	93	23.37	82.74	330.95	159.51	56.13	0.42
		2		25.15	99.28	397.14			0.65
XP019	3/4"	0		26.67	2.96	-			0.25
		1	96	28.45	71.29	285.17	167.13	67.31	0.57
		2		30.23	85.56	342.26			0.88
XP025	1"	0		32.26	2.96	-			0.36
		1	95	34.04	54.88	219.53	190.50	84.58	0.71
		2		35.81	65.84	263.38			1.07
XP032	1-1/4"	0		41.15	2.96	-			0.57
		1	95	42.93	41.37	165.47	259.08	104.14	1.04
		2		44.70	49.64	198.57			1.50
XP038	1-1/2"	0		49.53	1.93	-			0.74
		1	94	51.56	38.4	153.62	298.45	129.03	1.34
		2		53.59	46.06	184.23			1.95
XP051	2"	0		60.45	1.93	-			0.91
		1	94	62.99	39.30	157.20	318.77	159.26	1.86
		2		65.53	47.16	188.64			2.80

(a) Pressure listed here have been reduced to account for welding as the method of attachment. Other methods, designs or crimping will result in different pressures. (b) Test pressure is 1.5 times the Maximum Working Pressure, dependant on welded connections.



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### 2-1/2" to 14"

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					Work <sup>b</sup>	Nom. Burst	Dynamic (mm)	Static (mm)	
XP063	2-1/2"	0		82.04	0.83	-			1.73
		1	86	84.58	26.68	106.73	508.00	203.20	2.77
		2		87.12	42.68	170.78			3.81
XP076	3"	0		96.01	0.69	-			1.80
		1	85	98.55	21.79	87.15	558.80	228.60	2.98
		2		101.09	34.89	139.41			4.17
XP102	4"	0		123.19	0.55	-			2.51
		1	84	126.49	16.00	63.91	685.80	330.20	3.99
		2		129.54	25.58	102.39			5.48
XP127	5"	0		149.86	0.41	-			3.72
		1	74	153.16	13.17	52.68	787.40	457.20	5.58
		2		156.21	21.10	84.25			7.44
XP152	6"	0		174.50	0.34	-			5.16
		1	90	180.34	11.38	45.51	914.40	482.60	7.07
		2		186.18	18.20	72.81			8.99
XP203	8"	0		230.89	0.41	-			8.27
		1	96	233.43	16.13	64.40	1,016.00	508.00	14.05
		2		235.71	25.79	103.08			19.88
XP254	10"	0		283.97	0.34	-			10.12
		1	98	287.53	15.86	63.29	1,270.00	635.00	19.20
		2		290.83	25.30	101.28			28.28
XP305	12"	0		334.52	0.21	-			13.42
		1	97	338.07	11.10	44.33	1,524.00	762.00	22.07
		2		341.38	17.72	70.95			30.72

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**END CONNECTIONS & ACCESSORIES**



Male Hex



Threaded Pipe



Female Swivel



Standpipe



Female Cam



Male Cam



Sanitary Fitting



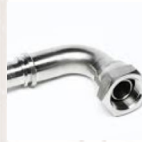
Spiral Wrap



Fix/Swivel Flange



Female Union



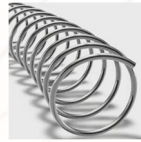
Elbow



Tube/Pipe End



Metal Guard



Spring Guard



Fire Sleeve

Technical data subject to change without prior notice.