

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) ^a		Bend Radius		Weight (kg/m)
					Work ^b	Nom. Burst	Dynamic (mm)	Static (mm)	
SERIES P3	1/4"	0	95	9.65	4.96	-	80.01	27.94	0.06
		1		10.92	162.72	650.87			0.14
		2		12.19	195.26	781.04			0.22
	5/16"	0	92	12.19	4.96	-	123.19	31.24	0.08
		1		13.46	113.56	454.23			0.18
		2		14.73	136.24	544.96			0.27
	3/8"	0	93	14.22	72	-	129.03	38.61	0.11
		1		15.75	1,639	452.02			0.24
		2		17.27	1,976	542.48			0.37
	1/2"	0	92	16.76	72	-	138.94	44.45	0.11
		1		18.29	1,225	337.84			0.27
		2		19.81	1,470	405.41			0.42
	5/8"	0	93	21.59	71	-	159.51	56.13	0.19
		1		23.37	1,200	330.95			0.42
		2		25.15	1,440	397.14			0.65
	3/4"	0	96	26.67	43	-	167.13	67.31	0.25
		1		28.45	1,034	285.17			0.57
		2		30.23	1,241	342.26			0.88
	1"	0	95	32.26	43	-	190.50	84.58	0.36
		1		34.04	796	219.53			0.71
		2		35.81	955	263.38			1.07
	1-1/4"	0	95	41.15	43	-	259.08	104.14	0.57
		1		42.93	600	165.47			1.04
		2		44.70	720	198.57			1.50
	1-1/2"	0	94	49.53	28	-	298.45	129.03	0.74
		1		51.56	557	153.62			1.34
		2		53.59	668	184.23			1.95
	2"	0	94	60.45	28	-	318.77	159.26	0.91
		1		62.99	570	157.20			1.86
		2		65.53	684	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"									
Code	Nom. ID	Braid Layers	Braid Coverage (%)	Nom. OD (mm)	Max. Pressure @ 21°C (bar) ^a		Bend Radius		Weight (kg/m)
	(inch)				Work ^b	Nom. Burst	Dynamic (mm)	Static (mm)	
SERIES 700	XP063	2-1/2"	86	82.04	0.83	-	508.00	203.20	1.73
		1		84.58	26.68	106.73			2.77
		2		87.12	42.68	170.78			3.81
	XP076	3"	85	96.01	0.69	-	558.80	228.60	1.80
		1		98.55	21.79	87.15			2.98
		2		101.09	34.89	139.41			4.17
	XP102	4"	84	123.19	0.55	-	685.80	330.20	2.51
		1		126.49	16.00	63.91			3.99
		2		129.54	25.58	102.39			5.48
	XP127	5"	74	149.86	0.41	-	787.40	457.20	3.72
		1		153.16	13.17	52.68			5.58
		2		156.21	21.10	84.25			7.44
	XP152	6"	90	174.50	0.34	-	914.40	482.60	5.16
		1		180.34	11.38	45.51			7.07
		2		186.18	18.20	72.81			8.99
	XP203	8"	96	231.65	0.41	-	1,016.00	508.00	8.27
		1		234.19	16.13	64.40			14.05
		2		236.47	25.79	103.08			19.88
	XP254	10"	98	283.97	0.34	-	1,270.00	635.00	10.12
		1		287.53	15.86	63.29			19.20
		2		290.83	25.30	101.28			28.28
	XP305	12"	97	334.52	0.21	-	1,524.00	762.00	13.42
		1		338.07	11.10	44.33			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



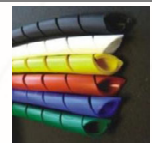
Female Cam



Male Cam



Sanitary Fitting



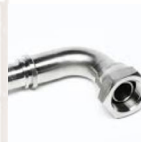
Spiral Wrap



Fix/Swivel
Flange



Female Union



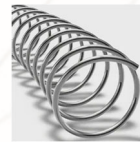
Elbow



Tube/Pipe End



Metal Guard



Spring Guard



Fire Sleeve