

Stainless Steel Hose

VITALFLEX® - Monel



Part No.: SS0-M Tube and Braid / SS1-M Tube and Single Braid / SS2-M Tube and Double Braid

Construction: Annular / Close Pitch / Heavy Wall

Tube Available: 400 Monel

Braid Available: 400 Monel

Size Available: 1/4" - 3"

Max Temp: -276°C to 700°C

Low | Med | High

Flexibility

Cycle Life

Pressure Rating

Chemical Resistance

Wall Thickness

Construction



Applicable Standards:

Corrugated Metal Hoses: ISO 10380

AGA Approved: AS 4631 (upon request)

Watermark Approved: WMTS 520 (upon request)

Welding Compliant: AS 4041- Class 1 (upon request)

Seismic Rated: AS 1170 (upon request)

Fire Protection Systems (upon request)

Chlorine Institute Pamphlet 6. Appendix A

Temperature Correction Factor

-150	-100	-50	0	20	70	150	200	250	300	350	400	450
1.0	1.0	1.0	1.0	1.0	1.0	0.93	0.89	0.86	0.83	0.81	0.78	0.78

Nominal Dia.		Outside Dia. (mm)			Weight (Kg/m)			Min. Bend Radius (mm)		Working Pressure (kPa)			Burst Pressure (kPa)		
mm	inch	SS0	SS1	SS2	SS0	SS1	SS2	Static	Dynamic	SS0	SS1	SS2	SS0	SS1	SS2
3	1/4"	12.7	14.7	16.7	0.13	0.28	0.43	25.4	127	922	12975	20753	3688	51896	83033
12	1/2"	20.8	22.8	24.8	0.58	0.93	1.29	38.1	230.2	441	4833	7729	1644	19339	30909
20	3/4"	30.7	32.7	35.0	0.71	1.17	1.63	50.8	230.2	386	3736	5977	1544	14968	23917
25	1"	38.1	40.1	42.1	1.17	1.48	1.78	76.2	228.6	220	3199	5115	880	12803	20477
40	1 1/2"	55.6	57.6	59.6	1.24	1.90	2.55	101.6	304.8	110	2275	3640	440	9114	14561
50	2"	63.7	65.7	67.8	1.54	2.55	3.57	127	381	82	2178	3488	328	8728	13941
80	3"	96.0	98.5	101.0	1.80	3.03	4.26	228.6	558.8	55	1358	2164	220	5433	8673

* Monel hoses are manufactured and tested and are suitable for dry chlorine service which meets The Chlorine Institute-Piping System for Dry Chlorine Standard - Pamphlet 6 Edition 15

Alternative products:

Refer to Chlorine Transfer PTFE - Page 19

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