



# Metallic Hose - High Pressure



Low | Med | High

Flexibility	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Cycle Life	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Pressure Rating	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Chemical Resistance	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Wall Thickness	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

## Profile

**Part No. :** SS0 - HP/ SS1 - HP / SS2 - HP  
**Construction :** Annular / Close Pitch  
**Profile :** Medium Flexibility / High Pressure  
**Tube Available :** 304 / 316 / 321Stainless steel  
**Braid Available :** 304 / 316 Stainless steel  
**Size Available :** 6mm - 150mm  
**Max Temp :** 700 Deg C

## Applicable Standards

ISO 10380  
 AGA Approved : AS 4631:2005  
 (upon requirement)  
 Welding Compliant to : AS 4041-Class 1  
 (upon requirement)

## Construction



SS0 - HP = High Pressure Tube Only  
 SS1 - HP = High Pressure Tube and Single Braid  
 SS2 - HP = High Pressure Tube and Double Braid

## Specifications

Temperature Correction Factor																			
-200	-150	-100	-50	0	20	50	100	150	200	250	300	350	400	450	500	550	600	650	700
1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.83	0.75	0.69	0.65	0.61	0.58	0.56	0.54	0.53	0.52	0.34	0.19	0.1

Nominal Dia mms inches	Outside Dia. mm			Working Pressure (kpa)			Min. Bend Radius (mm)		Weight (Kg/m)			Burst Pressure (kpa)		
	SS0	SS1	SS2	SS0	SS1	SS2	Static	Dynamic	SS0	SS1	SS2	SS0	SS1	SS2
6 1/4"	12.7	14.5	16.3	1242	17678	28283	25.4	127.0	0.13	0.25	0.39	4968	70712	113132
10 3/8"	17.0	18.8	20.6	690	10357	16567	31.8	139.7	0.19	0.37	0.54	2760	41428	66268
12 1/2"	20.8	23.4	25.9	552	15139	24219	38.1	203.2	0.58	0.94	1.29	2208	60556	96876
20 3/4"	30.7	33.3	35.8	483	9046	14476	50.8	203.2	0.71	1.18	1.64	1932	36184	57904
25 1"	38.1	40.6	43.2	276	7376	11799	76.2	228.6	1.18	1.79	2.40	1104	29504	47196
32 1 1/4"	47.0	50.0	53.3	228	7659	12254	82.6	254.0	1.52	2.47	3.42	912	30636	49016
40 1 1/2"	55.1	58.4	61.7	138	5989	9577	82.6	254.0	2.02	3.14	4.26	552	23956	38308
50 2"	63.8	67.1	70.1	104	5589	8942	136.7	292.1	2.38	3.81	5.24	416	22356	35768
65 2 1/2"	82.0	85.3	88.6	69	3988	6383	177.8	609.6	2.98	4.64	4.91	276	15952	25532
80 3"	96.0	99.3	102.4	69	3726	5962	190.5	711.2	4.42	6.58	8.74	276	14904	23848
100 4"	122.2	125.2	128.3	55	2298	3678	508.0	1016.0	4.61	6.77	8.93	220	9192	14712
150 6"	174.5	180.3	186.2	35	1835	2933	609.6	2413.0	5.73	9.60	13.47	140	7340	11732

Safety Factor: 4:1 (Burst Pressure / Working Pressure)

All hose assemblies are tested to a standard 1000 kPa. (higher test pressure if required)

## Applications

