



Metallic Hose - Annular



Low | Med | High

Flexibility

Cycle Life

Pressure Rating

Chemical Resistance

Wall Thickness

Profile

Part No. - SS0 - A / SS1 - A / SS2 - A
Construction : Annular / Close Pitch
Profile : Medium Flexibility / Medium Pressure
Tube Available : 304 / 316 Stainless steel
Braid Available : 304 / 316 Stainless steel
Size Available - 1/4" - 8"
Max Temp : 700 Deg C

Applicable Standards
 ISO 100380
 AGA Approved : AS 4631:2005
 Welding Compliant to : AS 4041-Class 1

Construction



SS0 - A = Annular Tube Only
 SS1 - A = Annular Tube and Single Braid
 SS2 - A = Annular 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	14	16	392	9806	15690	25	100	0.13	0.25	0.39	1568	39224	62760
10	3/8"	15	17	19	392	8825	14121	40	150	0.19	0.37	0.54	1568	35300	56484
12	1/2"	17	19	21	294	7845	12552	50	200	0.21	0.40	0.68	1176	31380	50208
20	3/4"	26	28	30	196	6276	10002	70	200	0.35	0.60	0.85	784	25104	40008
25	1"	33	35	37	196	4903	7845	90	200	0.47	0.85	1.23	784	19612	31380
32	1 1/4"	42	44	46	147	3922	6276	110	250	0.51	0.96	1.41	588	15688	25104
40	1 1/2"	51	53	55	147	2942	4707	130	250	0.70	1.18	1.66	588	11768	18828
50	2"	61	63	65	98	2746	4315	175	350	0.85	1.75	2.65	392	10984	17260
65	2 1/2"	77	79	81	98	2353	3726	200	410	1.41	2.70	3.99	392	9412	14904
80	3"	91	93	95	98	1765	2746	205	450	1.62	3.12	4.62	392	7060	10984
100	4"	117	119	121	78	1569	2550	230	560	2.00	3.70	5.40	312	6276	10200
125	5"	149	151	153	59	1177	1961	280	660	2.80	5.00	7.20	236	4708	7844
150	6"	178	180	182	59	981	1569	320	815	3.80	6.60	9.40	236	3924	6276
200	8"	228	230	232	49	784	1177	435	1015	6.70	12	17.30	196	3136	4708

Safety Factor: 4:1 (Burst Pressure / Working Pressure)
 All hose assemblies are tested to a standard 1000 kPa. (higher test pressure if required)

Applications

