



Metallic Hose - Omega



Low | Med | High

Flexibility

Cycle Life

Pressure Rating

Chemical Resistance

Wall Thickness

Profile

Part No. - SS0 - O / SS1 - O / SS2 - O

Construction : Omega / Open Pitch

Profile : Medium Flexibility / Medium Pressure

Tube Available : 304 / 316 Stainless steel

Braid Available : 304 / 316 Stainless steel

Size Available - 12mm - 400mm

(larger sizes upon request)

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 - O = Omega Tube Only

SS1 - O = Omega Tube and Single Braid

SS2 - O = Omega 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
12	1/2"	20	22	24	294	7504	12506	65	120	0.21	0.40	0.68	294	30016	50024
20	3/4"	28	30	32	294	5003	8004	100	180	0.35	0.60	0.85	294	20012	32016
25	1"	35	37	39	294	4002	7504	120	280	0.47	0.85	1.23	294	16008	30016
32	1 1/4"	43	45	47	294	3502	6403	140	340	0.51	0.96	1.41	294	14008	25612
40	1 1/2"	51	53	55	294	3002	5603	180	450	0.70	1.18	1.66	294	12008	22412
50	2"	62	64	66	294	2501	4002	220	550	0.85	1.75	2.65	294	10004	16008
65	2 1/2"	79	82	85	294	2001	4002	280	650	1.41	2.70	3.99	294	8004	16008
80	3"	97	100	103	294	2001	3202	350	800	1.62	3.12	4.62	294	8004	12808
100	4"	122	125	128	294	1601	2501	400	1000	2.00	3.70	5.40	294	6404	10004
125	5"	151	155	159	294	1508	2501	500	1200	2.80	5.00	7.20	294	6032	10004
150	6"	180	184	188	294	1508	2501	600	1500	3.80	6.60	9.40	294	6032	10004
200	8"	240	245	250	294	1201	2001	800	2000	6.70	12	17.30	294	4804	8004
250	10"	298	303	308	294	1001	1601	1000	2200	10.60	18.10	25.60	294	4004	6404
300	12"	360	365	370	294	1001	1601	1200	2500	17.10	31.40	45.70	294	4004	6404
350	14"	410	415	420	294	800	1201	1400	3000	20.00	36.30	52.60	294	3200	4804
400	16"	460	465	470	294	600	1001	1600	3500	22.80	41.10	59.40	294	2400	4004

Applications

