

MONEL Hose

Series 500

- Core and braid material is Monel 400 and meets material requirements of the Chlorine Institute Pamphlet 6
- Pressure capability includes full vacuum to pressures shown below
- Temperatures to 800°F
- Excellent chemical resistance to dry chlorine, salt water and alkalines

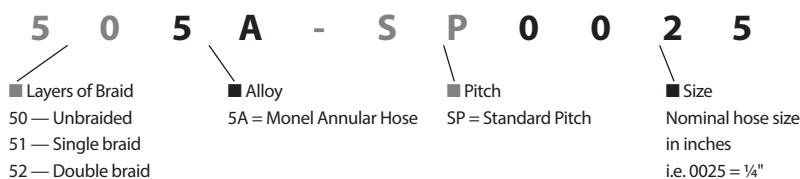
Series 500 — Annular, Monel, Standard Pitch Hose

Nominal Hose Size (in.)	Diameter Hose Size (DN)	Braid Layers/Type	Nominal Outside Diameter	Minimum Centerline Bend Radius (in.)		Pressure ratings at 70°F (PSIG) ^a			Weight per Foot (lb.)	Typical Mill Length (ft.) ^b
				Static	Dynamic	Max. Working	Max. Test	Nominal Burst		
¼	8	0	0.46	2	6	130	195	—	0.13	30–100
		1	0.52			1701	2552	6805	0.21	
		2	0.57			2416	3624	9664	0.29	
⅜	10	0	0.61	2	6	90	135	—	0.16	30–100
		1	0.67			1272	1908	5087	0.27	
		2	0.73			1953	2930	7812	0.40	
½	15	0	0.76	2.5	7	65	98	—	0.19	30–100
		1	0.81			852	1277	3406	0.31	
		2	0.87			1346	2019	5385	0.43	
¾	20	0	1.05	2.5	8	50	75	—	0.28	30–100
		1	1.10			709	1063	2835	0.43	
		2	1.16			1161	1741	4643	0.60	
1	25	0	1.35	3	9	35	52.5	—	0.50	30–100
		1	1.42			692	1038	2769	0.77	
		2	1.50			1133	1700	4533	1.08	
1¼	32	0	1.75	4	10	20	30	—	0.64	7–20
		1	1.86			611	917	2445	0.98	
		2	1.94			991	1486	3962	1.36	
1½	40	0	2.08	4	10	15	22.5	—	0.78	7–20
		1	2.16			419	629	1677	1.18	
		2	2.24			769	1153	3075	1.62	
2	50	0	2.54	6	11	10	15	—	0.97	7–20
		1	2.63			313	469	1250	1.45	
		2	2.73			616	924	2463	1.99	
3	80	0	3.85	10	20	7	10.5	—	1.77	7–20
		1	4.01			300	450	1200	2.67	
		2	4.13			500	750	2000	3.67	
4	100	0	4.79	12	24	4	6	—	2.08	7–20
		1	4.99			263	394	1050	3.54	
		2	5.19			438	656	1750	5.17	

a. OmegaFlex hose and corresponding braid must be used in combination to achieve pressure ratings.

b. Consult factory for longer lengths.

Specifying Part Numbers for Series 500 Products



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