

Specialty Hose: Monel® 400

Monel® 400 hose and braid are specifically designed for chlorine transfer as well as hydrochloric and hydrofluoric acid applications. The hose and braid combination meets and exceeds The Chlorine Institute's Pamphlet 6 specification, "Recommended Specifications for Chlorine Transfer Hoses".

Our Series 500 hose and braid combination is particularly effective in the harsh seawater environment of ocean going vessels and offshore drilling platforms, where reliable performance is needed every day. Use Monel® Hose series 502 for dependable and safe chlorine transfers.



The test pressure is carried out to one and a half times the working pressure of the hose or the fitting (Which ever one is the least).

Cryogenic to 428°C (800°F)
Full vacuum up to 209 bar depending on size and braid construction.
Hose manufactured in annular construction.

500 = Unbraided Hose

501 = Single Braided Hose

502 = Double Braided Hose

NOMINAL BORE		HOSE TYPE	HOSE O/D	MIN BEND RADIUS		MAXIMUM PRESSURE				WEIGHT
				STATIC	DYNAMIC	WORKING		TEST		
MM	IN		MM	MM	MM	BAR	PSI	BAR	PSI	KG/M
6	1/4"	500	12,4	22	140	12	180	19	270	0,24
		501	14,0			155	2250	233	3375	0,34
		502	15,5			209	3025	313	4535	0,46
10	3/8"	500	16,8	29	152	10	140	14	210	0,36
		501	18,5			109	1575	163	2360	0,51
		502	20,1			141	2050	212	3075	0,65
12	1/2"	500	21,3	38	178	8	120	12	180	0,60
		501	22,9			58	835	86	1250	0,76
		502	24,4			103	1500	155	2250	0,95
20	3/4"	500	30,7	54	216	6	90	9	135	1,18
		501	32,3			41	600	62	900	1,43
		502	33,8			74	1080	112	1620	1,71
25	1"	500	38,9	70	254	4	56	6	85	1,52
		501	40,4			29	420	43	630	1,82
		502	41,9			39	755	78	1130	2,14
32	1 1/4"	500	47,2	83	292	4	53	6	80	2,40
		501	48,8			22	315	29	420	2,74
		502	50,3			39	570	59	855	3,10
38	1 1/2"	500	55,6	95	330	3	37	4	55	2,93
		501	58,2			39	565	59	850	3,79
		502	60,7			70	1015	105	1526	4,70
50	2"	500	71,9	127	406	1	20	2	30	3,91
		501	74,4			29	415	43	620	5,02
		502	77,0			51	754	70	1015	6,12
80	3"	500	90,7	210	533	0,28	4	0,41	6	2,51
		501	93,2			16	225	23	335	3,72
		502	95,8			29	425	44	635	4,94

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