



Specialty Hose: Inconel® 625

As a low temperature corrosion resistant material, 625 alloy has an excellent record in use in the chemical processing industry, in sea and brackish water and in power plant scrubber applications. It resists chloride pitting and crevice corrosion as well as chloride stress-corrosion cracking.

Inconel 625 is also a recognized material by NACE MR 01 75 and ISO 15156 for H2S (Hydrogen- Sulphide) applications.

Hose manufactured in annular construction

- Braid manufactured in 304, 321 and 316 stainless steel
- (Inconel available - Please contact the factory)
- Full vacuum up to 183 bar (2654 psi) depending on size and braid construction
- Cryogenic to 815°C (1500°F) with SS321 braid
- Cryogenic to 980°C (1800°F) with Inconel braid

INCO-0 = Unbraided Hose

INCO-1 = Single Braid layer

NOMINAL BORE		HOSE TYPE	HOSE O/D	MIN BEND RADIUS		MAXIMUM PRESSURE				WEIGHT
MM	IN			STATIC	DYNAMIC	WORKING		TEST		
MM	IN		MM	MM	BAR	PSI	BAR	PSI	KG/M	
6	1/4"	INCO-0	12,5	23	127	15,7	228	23,55	342	0,16
		INCO-1	14			183	2654	274,5	3981	0,27
10	3/5"	INCO-0	16,8	29	140	10,3	149	15,45	224	0,22
		INCO-1	18,5			111	1610	166,5	2415	0,34
12	1/2"	INCO-0	21,3	39	153	5,4	78	8,1	117	0,31
		INCO-1	22,9			90,3	1310	135,45	1965	0,48
20	3/4"	INCO-0	30,7	54	203	2,2	32	3,3	48	0,51
		INCO-1	32,3			63,1	915	94,65	1373	0,75
25	1"	INCO-0	38,9	70	230	2,6	38	3,9	57	0,88
		INCO-1	40,4			44,5	645	66,75	968	1,16
32	1 1/4"	INCO-0	47,2	83	270	1,5	22	2,25	33	1,16
		INCO-1	48,8			37,6	545	56,4	818	1,52
40	1 1/2"	INCO-0	55,6	96	305	1,8	26	2,7	39	1,39
		INCO-1	57,7			38,6	560	57,9	840	1,89
50	2"	INCO-0	69,1	127	381	1	15	1,5	22	1,83
		INCO-1	71,1			31,7	460	47,55	690	2,5
80	3"	INCO-0	90,7	210	432	0,3	4	0,45	7	1,59
		INCO-1	93,7			30,3	439	45,45	659	2,88
100	4"	INCO-0	120	280	690	0,1	1	0,15	2	3,83
		INCO-1	123			18,6	270	27,9	405	5,26

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