

CL3 Series Stainless Steel Hose

Clean ID P3 is designed for cryogenic and vacuum applications. Advances in corrugation forming technology leading to the removal of all internal tooling, and thus all lubrication oil, have yielded a hose with a truly clean inside. The hose features the same geometry as P3, delivering the same thin-wall construction with low corrugation profile and high pitch count for a very flexible hose.

**ISO 10380
QUALIFIED**

Nom. I.D. (in.)	Part Number	Braid Layers	Braid Construction	Braid Coverage (%)	Nom. O.D. (in.)	Maximum Pressure @ 70°F (PSIG) ^a		Bend Radius (in.)		Weight per Foot (Lb.)
						Working ^b	Nominal Burst	Dynamic	Static	
	CLH3016-008	0			0.66	72	----			0.08
1/2"	P3-CLH3016-B3004-008	1	24 x 8 x .012	92	0.72	1,225	4,900	5.47	1.75	0.18
	P3-CLH3016-2B3004-008	2			0.78	1,470	5,880			0.28
	CLH3016-012	0			1.05	43	----			0.17
3/4"	P3-CLH3016-B3004-012	1	36 x 8 x .014	96	1.12	1,043	4,136	6.58	2.65	0.38
	P3-CLH3016-2B3004-012	2			1.19	1,241	4,964			0.59
	CLH3016-016	0			1.27	43	----			0.24
1"	P3-CLH3016-B3004-016	1	48 x 7 x .014	95	1.34	796	3,184	7.50	3.33	0.48
	P3-CLH3016-2B3004-016	2			1.41	955	3,820			0.72

a. Pressures listed have been reduced to account for welding as the method of attachment. Other methods such as brazing, neck-down designs or crimping will result in different pressures. Contact the factory for details.

b. Test pressure is 1.5x the Maximum Allowable Working Pressure (MAWP) for single braid layer and 1.1x MAWP for multiple braid layers.