

CAN'T TAKE OUT WHAT WAS NEVER THERE.

New advances in manufacturing technology
deliver a truly clean ID hose.

NO MOISTURE | NO OILS | NO GREASES | NO PARTICULATE

And no need for post-production cleaning,
draining, drying or additional testing.

HOW WILL YOUR BUSINESS BENEFIT?



CL3 Stainless Steel Hose

Clean ID CL3 matches the geometry of Penflex annular corrugated P3 hose series. Beyond its signature clean inside, the hose features a low profile and high corrugation count to deliver a very flexible hose with high pressure ratings.

Nom. I.D. (in.)	1/2"			3/4"			1"		
Part Number	CLH3016-008	P3-CLH3016-B3004-008	P3-CLH3016-2B3004-008	CLH3016-012	P3-CLH3016-B3004-012	P3-CLH3016-2B3004-012	CLH3016-016	P3-CLH3016-B3004-016	P3-CLH3016-2B3004-016
Braid Layers	0	1	2	0	1	2	0	1	2
Braid Construction	24 x 8 x .012			36 x 8 x .014			48 x 7 x .014		
Braid Coverage (%)	92			96			95		
Nom. O.D. (in.)	0.66	0.72	0.78	1.05	1.12	1.19	1.27	1.34	1.41
Working Maximum Pressure @70F (PSIG)	72	1225	1470	43	1043	1241	43	796	955
Nominal Maximum Pressure @70F (PSIG)		4900	5880		4136	4964		3184	3820
Dynamic Bend Radius (in.)	5.47			6.58			7.5		
Static Bend Radius (in.)	1.75			2.65			3.33		
Weight Per Foot (lb)	0.08	0.18	0.28	0.17	0.38	0.59	0.24	0.48	0.72





Streamlined supply chains and more efficient processes.

Advances in cryogenic and vacuum sciences are pushing high tech industries to consistently greater levels of precision, simultaneously creating the need for a new kind of metal hose.

SHORTER LEAD TIMES

Hoses currently require thorough cleaning to remove contaminants such as moisture, oils, greases and solvents, as well as any debris left

from welding and cutting. Though a requirement, these processes themselves can sometimes lead to recontamination. Cleaning agents may remove oil, but they may also leave behind solvent, acid, or alkali residues.

Draining, drying, and additional rounds of testing contribute to the additional costs and long lead times users have come to expect.

It's time to rethink those expectations.

FASTER PROCESSES

Consistent refinements have led to the removal of internal tooling in Penflex's new CL3 mechanical forming process. Clean ID hoses

are devoid of any oils or tooling marks, meaning many current post-production requirements can be eliminated.

Penflex's focus on continuous improvement aligns with our commitment to quality.

We are an ISO 9001 certified company and maintain an ASME Section IX weld shop and a Non-Destructive Testing Lab to ensure the quality of our product at each stage of the manufacturing process.

SAFER OPERATIONS






PENFLEX