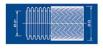


Approved in accordance with ISO-10380 Standard

ISO 9001:2015 Certified





PARNOR®

Bulletin #503

Materials:

Corrugated Hose: Stainless Steel S321 or S316L

Braid: Stainless Steel S304

Annularly corrugated stainless steel hose, with our without braid

Zero leak - extremely flexible, hydraulically formed corrugated metal hose available with or without metal braid. Best for use in extreme environments (-525F—+1000F) such as temperature, frequent movements, vibrations and high pressure or vacuum. Chemically resistant to a wide variety of highly corrosive products. Known for long hose life.

1	variety of highly corrosive products. Known for long hose me.								
<u>nt</u>	ID (in-mm	OD n) nom (in)	# of Braid Layers	Working PSI/max (@70F)	Bend Radius min/in	Burst PSI (@70F)	Weight per Per Ft. (Pounds)		
	1/4 6	.39 .45	0 1	420 2030	4.33	8468	.03 .11		
e	3/8 10	.63 .70	0	276 1450	5.90	6032	.07 .20		
r	1/2 12	.73 .79	0	247 1160	6.50	4668	.08 .22		
n	3/4 20	1.11 1.18	0	168 725	8.86	3045	.12 .32		
	1 25	1.37 1.43	0	77 580	10.24	2465	.15 .39		
	1-1/4 32	1.71 1.79	0 1	59 580	11.81	2465	.25 .60		
ses,	1-1/2 40	2.06 2.14	0 1	49 465	13.39	2030	.30 .78		
ics	2 50	2.55 2.65	0 1	36 465	15.35	2001	.48 1.20		
7	2-1/2 65	3.19 3.28	0 1	26 450	18.11	1580	.60 1.55		
	3 80	3.92 4.04	0	20 400	20.47	1363	.72 2.06		

Zero Leak, Flexible Corrugated Metal Hose Extreme Environment Use!

Annular S321 or S316L braided or unbraided hose

Butt welded hydro formed standard pitched metal hose

Economical, 50,000 cycle rated and pressure rated per ISO 10380

Available in long lengths on reels—without braid, one braid or two braids

Typical Uses:

Fluid transfer, liquid or gases, good for vacuum, cryogenics (EN 12434)

Petrochemical industry, nuclear industry, instrumentation and HVAC industries

17111 Wallace Street—
South Holland, IL 60473-2735
Phone: 773-277-0700 Fax: 773-277-0708
www.UniversalHB.com

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ISO 9001-2015 Certified

PARNOR®

BULLETIN #503

ID In-mm	OD nom (in)	# Braid Layers	Working PSI Max (@ 70F)	Bend Radius min (Inches)	Burst Pressure (@ 70F)	Weight/Ft. (Pounds)
4 100	4.98 5.16	0	16 218	23.62	1073	.85 2.44
5 125	5.98 6.10	0	13 232	33.46	928	2.31 3.77
6 150	6.85 6.97	0	10 210	41.33	841	2.65 4.52

Material:

321 & 316L stainless steel— hose standard 304 stainless steel—-braid standard

Construction:

Annular butt welded and hydro formed Dissymmetrical convolution design can have more than single layer braiding (consult factory)

Characteristics:

Extremely flexible hose.
manufactured in long continuous lengths
without segmenting.
Withstands higher pressures with thinner walls for increased hose life.
designed to ISO—10380 standards.

17111 Wallace Street South Holland, IL 60473-2735 Phone: 773.277.0700 (office) Fax: 773.277.0708 (F) Sales@UniversalHB.com ISO 9001-2015 Certified ISO 10380 Approved