



High pressure braided annular
corrugated stainless steel hose

BOA HP/THP

Materials:

Corrugated Hose: Stainless Steel S316L
Braid: Stainless Steel S304 (Single or Two Layers)

High Performance/ high pressure corrugated metal hose hydro formed with reinforced walls and narrow corrugations. Omega shaped corrugation profile provides exceptional flexibility and high pressure resistance. Designed in accordance with ISO 10380 and ISO 9001 : 2015.

**HP High Pressure
Resistance/Single Layer
of Braid**

**THP High Pressure
Resistance/Two Layers
of Braid**

Narrow convolution pitch
allows for higher pressures

Reinforced Omega shaped
corrugation profile provides
flexibility and advanced high
pressure resistance

Annular S316L single or two
layer braided hose

Available up to 2"ID

ISO 9001-2015 certified and
pressure rated per ISO 10380

Available in long lengths on
reels

Typical Uses:

Fluid transfer, liquid or gases
under high pressures

Industrial gas transfer, steam
transfer, turbines, plate
presses, handles most pressure
applications

HP SINGLE LAYER/ THP TWO LAYERS OF BRAID

ID (in-mm)	OD nom (in)	# of Braid Layers	Working PSI/max (@70F)	Bend Radius min/in	Burst PSI (@70F)	Weight per Per Ft. (Pounds)
1/4	.45	1	2857	4.70	11426	.13
6	.51	2	2030	4.70	14877	.21
3/8	.70	1	2106	5.00	8425	.25
10	.76	2	2828	5.00	11310	.39
1/2	.80	1	2218	6.00	8874	.32
12	.86	2	2708	6.00	10832	.49
3/4	1.15	1	1258	7.00	5032	.43
20	1.21	2	1860	7.00	7439	.74
1	1.50	1	1152	8.30	4611	.98
25	1.57	2	1805	7.30	7221	1.23
1-1/4	1.83	1	990	9.30	3959	1.16
32	1.93	2	1703	9.30	6815	1.68
1-1/2	2.16	1	867	11.00	3466	1.43
40	2.26	2	1316	11.00	5264	2.08
2	2.65	1	793	14.20	3175	1.98
50	2.75	2	1164	14.20	4655	2.82

High pressure braided hose, single and double braided.
Extremely high burst pressure ratings.
Heavy wall compressed hose.
Available in long lengths on reels.
Other materials may be available, please consult factory.