



Double-plyed helically corrugated stainless steel hose

BOA-DUO® B2

Bulletin #502

Materials:

Corrugated Hose Stainless Steel (similar to AISI 316 Ti)
Braid Stainless Steel (similar to AISI 304)

Helically corrugated stainless steel hose. Resistance welded at the crest with triple-plyed construction and cold formed. Double-plyed construction in the convolution flanks providing for greater operating stability. Ideal for high pressure applications and where added flexibility is required.

**Extremely Flexible -
High Pressure Braided
Hose**

Double-plyed & Triple-plyed
Corrugated Hose

Stainless Steel Single/Plain
Weave Braid Construction

Best Suited for High Pressure
Heavy-Duty Service

Extreme Flexibility Allows
for Use in a Wide Variety of
Applications

Universal Vibration Absorber

Typical Uses:

Engine Construction,
Pumping Systems &
Compressors

ID" nom	OD" nom	# of Braids (@70F)	Working PSI max	Bend Radius (inches)	Burst PSI	Weight per Ft./lbs.
3/16	.34	0	135	5.0	8000	.06
	.40	1	2000	5.0		.10
1/4	.37	0	125	5.25	7200	.08
	.44	1	1800	5.25		.12
5/16	.49	0	120	5.55	7000	.13
	.55	1	1750	5.55		.15
3/8	.56	0	75	5.75	6000	.09
	.63	1	1500	5.75		.17
1/2	.67	0	50	6.00	5200	.12
	.74	1	1300	6.00		.21
5/8	.83	0	40	6.25	4600	.16
	.90	1	1150	6.25		.35
3/4	1.04	0	30	7.25	4000	.23
	1.10	1	1000	7.25		.37
1	1.24	0	25	8.25	3200	.30
	1.30	1	800	8.25		.48
1-1/4	1.60	0	20	10.50	3000	.39
	1.66	1	750	10.50		.60
1-1/2	1.91	0	18	12.50	2400	.50
	1.97	1	600	12.50		.87
2	2.38	0	16	15.00	1800	.74
	2.46	1	450	15.00		1.24
2-1/2	2.93	0	15	17.50	1600	1.11
	3.01	1	400	17.50		1.67



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ID" NOM	OD" NOM	# Braid Layers	Working PSI Max (@ 70F)	Bend Radius (Inches)	Burst Pressure	Weight/Ft. (Lbs.)
3	3.47	0	15	30.00	1400	1.21
	3.59	1	350	30.00		2.00
4	4.53	0	15	30.00	1000	1.61
	4.65	1	250	30.00		2.62

Material:

321 stainless steel—standard
Optional/Special Order Materials available:
316LSS
Monel
Inconel 625
Other nickel alloys

Construction:

Helical crest welded two ply.
Can have more than single layer braiding
(consult factory)

Characteristics:

Thin wall, two ply, extremely flexible hose with
Higher pressure rating than SUPRA. It's double

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ISO 9001-2015 Certified
ISO 10380 Approved