

ANACONDA CORRUGATED METAL HOSE

MEDIUM PRESSURE & LARGER SIZES

BW 756



Anaconda butt welded corrugated stainless steel hose type BW756 is designed for conveying chemicals, gases, steam, etc. It is suitable for use under full vacuum and has a temperature range of cryogenic to ca. +600°C*. Type BW756 will meet most pressure requirements and is also available in the bigger sizes up to 14". It has a good flexibility and a good flexure life, suitable for normal industrial vibrations.

Burst pressure: The burst pressure of hose with braid is at least 4 times the working pressure.

Material specifications: The core is manufactured from stainless steel AISI 316L (1.4404) with a heavy stainless steel AISI 304 (1.4301) wire braid covering. Other alloys are available; consult your Anamet representative.

Types:
 BW756-0 corrugated stainless steel hose, unbraided
 BW756-1H corrugated stainless steel hose, with one heavy braid

Nominal I.D.		Type	Max O.D. (mm)	Min c/l Bending Radius**		Min. exposed length for normal vibration (mm)	Rated pressure data at 20 °C***		Approx. weight (Kg/m)
(mm)	(inch)			Flexing bend (mm)	Permanent bend (mm)		Max working pressure (bar)	Max test pressure (bar)	
32	1.1/4"	BW756-0 BW756-1H	47,8 50,6	270	90	205	2 55	2 83	1,13 1,88
40	1.1/2"	BW756-0 BW756-1H	56,4 59,9	305	105	215	1 52	1 78	1,25 2,29
50	2"	BW756-0 BW756-1H	66,9 70,4	380	130	240	1 50	1 75	1,34 2,72
65	2.1/2"	BW756-0 BW756-1H	83,0 87,3	510	205	255	0,7 38	0,7 57	1,73 3,31
75	3"	BW756-0 BW756-1H	97,0 101,3	560	230	280	0,7 34	0,7 51	1,80 3,67
100	4"	BW756-0 BW756-1H	124,2 128,5	685	330	305	0,5 24	0,5 36	2,51 4,67
125	5"	BW756-0 BW756-1H	151,2 155,3	790	455	330	0,4 20	0,4 30	3,72 6,42
150	6"	BW756-0 BW756-1H	175,8 180,1	915	485	370	0,3 18	0,3 27	5,16 9,04
200	8"	BW756-0 BW756-1H	234,1 238,4	1015	510	490	0,3 16	0,3 24	8,27 14,04
250	10"	BW756-0 BW756-1H	286,5 292,0	1270	635	670	0,3 16	0,3 24	10,12 19,19
300	12"	BW756-0 BW756-1H	339,0 345,0	1525	765	940	0,2 11	0,2 17	13,42 22,06
350	14"	BW756-0 BW756-1H	376,0 383,0	1780	890	1350	0,2 8	0,2 12	20,98 32,28

* For working temperatures above 400°C environmental conditions are to be considered - consult your Anamet representative.

** It is recommended to increase the minimum bend radius with 25% when high pressures or temperatures are involved.

*** For temperatures higher than room temperature use the applicable temperature correction factor.