

Medium pressure & larger sizes

BW756



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, unbraidew
- 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	47,8	270	90	205	2	2	1,13
		BW756-1H	50,6				55	83	1,88
40	1.1/2"	BW756-0	56,4	305	105	215	1	1	1,25
		BW756-1H	59,9				52	78	2,29
50	2"	BW756-0	66,9	380	130	240	1	1	1,34
		BW756-1H	70,4				50	75	2,72
65	2.1/2"	BW756-0	83,0	510	205	255	0,7	0,7	1,73
		BW756-1H	87,3				38	57	3,31
75	3"	BW756-0	97,0	560	230	280	0,7	0,7	1,80
		BW756-1H	101,3				34	51	3,67
100	4"	BW756-0	124,2	685	330	305	0,5	0,5	2,51
		BW756-1H	128,5				24	36	4,67
125	5"	BW756-0	151,2	790	455	330	0,4	0,4	3,72
		BW756-1H	155,3				20	30	6,42
150	6"	BW756-0	175,8	915	485	370	0,3	0,3	5,16
		BW756-1H	180,1				18	27	9,04
200	8"	BW756-0	234,1	1015	510	490	0,3	0,3	8,27
		BW756-1H	238,4				16	24	14,04
250	10"	BW756-0	286,5	1270	635	670	0,3	0,3	10,12
		BW756-1H	292,0				16	24	19,19
300	12"	BW756-0	339,0	1525	765	940	0,2	0,2	13,42
		BW756-1H	345,0				11	17	22,06
350	14"	BW756-0	376,0	1780	890	1350	0,2	0,2	20,98
		BW756-1H	383,0				8	12	32,28

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

** It is recommendet 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.