

Extra high pressure

BW956



ANACONDA butt welded corrugated stainless steel hose type BW956 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*. The engineered design and construction allows it to operate at higher pressures than the BW856 type. Its extra durable construction makes it suitable for severe applications, vibrations and extreme high pressures.

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

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

Types:

- BW956-0 corrugated stainless steel hose, unbraided
- BW956-2E corrugated stainless steel hose, with two extra heavy braids
- BW956-2F corrugated stainless steel hose, with two extra heavy braids

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)	
6	1/4"	BW956-0	13,1	305	155	115	12	12	0,30
		BW956-2E	17,9				310	465	0,61
10	3/8"	BW956-0	17,4	305	155	125	7	7	0,46
		BW956-2E	22,6				270	405	0,97
12	1/2"	BW956-0	21,4	330	180	140	6	6	0,73
		BW956-2E	27,0				255	383	1,48
20	3/4"	BW956-0	31,3	380	190	150	5	5	1,35
		BW956-2E	36,9				185	278	2,45
25	1"	BW956-0	38,7	410	205	180	3	3	1,66
		BW956-2E	44,3				158	237	3,07
32	1.1/4"	BW956-0	47,8	460	220	205	2	2	2,58
		BW956-2E	53,8				132	198	4,37
40	1.1/2"	BW956-0	56,4	485	245	215	1	1	3,84
		BW956-2E	63,4				120	180	6,26
50	2"	BW956-0	64,2	610	305	240	1	1	4,98
		BW956-2E	71,8				92	138	7,94
65	2.1/2"	BW956-0	83,0	690	340	255	0,7	0,7	5,07
		BW956-2E	91,6				70	105	8,54
75	3"	BW956-0	97,0	815	435	280	0,7	0,7	6,53
		BW956-3E	110,0				65	98	12,20
100	4"	BW956-0	123,2	1220	560	305	0,5	0,5	7,07
		BW956-3E	136,2				45	68	13,55

* 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.