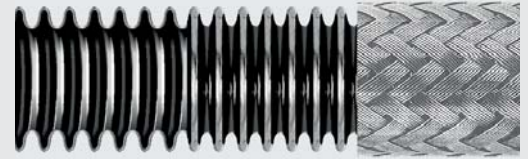


ANACONDA CORRUGATED METAL HOSE

STANDARD UP TO MEDIUM PRESSURE

BW 656



Anaconda butt welded corrugated stainless steel hose type BW656 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 BW656 is designed for general purpose service and will meet most pressure requirements. It has a good flexibility and a good flexural strength, 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 standard stainless steel AISI 304 (1.4301) wire braid covering. Other alloys are available; consult your Anamet representative.

Types:

- BW656-0 corrugated stainless steel hose, unbraided
- BW656-1S corrugated stainless steel hose, with one standard braid
- BW656-2S corrugated stainless steel hose, with two standard braids

Nominal I.D.		Type	Max O.D. (mm)	Min c/I 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"	BW656-0	9,8	100	25	115	18	18	0,07
		BW656-1S	11,0				172	258	0,16
8	5/16"	BW656-0	12,4	100	25	125	18	18	0,09
		BW656-1S	13,6				120	180	0,19
10	3/8"	BW656-0	14,4	150	30	125	15	15	0,10
		BW656-1S	15,6				105	158	0,21
12	1/2"	BW656-0	16,9	180	35	140	12	12	0,11
		BW656-1S	18,5				95	143	0,31
15	1/2"	BW656-0	20,2	180	35	140	10	10	0,18
		BW656-1S	21,8				85	128	0,39
20	3/4"	BW656-0	27,0	190	40	150	7	7	0,25
		BW656-1S	28,6				70	105	0,54
25	1"	BW656-0	32,6	215	70	180	6	6	0,34
		BW656-1S	34,6				62	93	0,71
32	1.1/4"	BW656-0	41,4	230	90	205	4	4	0,50
		BW656-1S	44,2				48	72	0,99
40	1.1/2"	BW656-0	50,1	255	125	215	2	2	0,71
		BW656-1S	52,9				34	51	1,20
		BW656-2S	55,7				55	83	1,70
50	2"	BW656-0	60,8	280	190	240	1	1	0,85
		BW656-1S	63,6				28	42	1,47
		BW656-2S	66,4				35	53	2,09
65	2.1/2"	BW656-0	78,9	510	205	255	0,7	0,7	1,12
		BW656-1S	82,4				19	29	1,99
		BW656-2S	85,9				34	51	2,86
75	3"	BW656-0	96,0	560	230	280	0,7	0,7	1,50
		BW656-1S	100,3				25	38	3,00
		BW656-2S	104,6				32	48	4,50
100	4"	BW656-0	117,3	770	330	305	0,5	0,5	2,25
		BW656-1S	121,6				20	30	4,25
		BW656-2S	125,9				30	45	6,25
125	5"	BW656-0	146,3	1050	650	330	0,4	0,4	2,60
		BW656-1S	150,6				14	21	4,85
		BW756-2S	159,8				20	30	7,10
150	6"	BW656-0	171,5	1325	860	370	0,3	0,3	3,20
		BW656-1S	175,8				10	15	5,80
		BW756-2S	184,4				16	24	8,40

Note: for bigger sizes see type BW756 (page 1-06)

* 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.