

Spirally Corrugated Hose - Heavy Weight

Arcflex stainless steel butt welded tube spirally corrugated close pitch heavy weight hose offers exceptional strength, durability and flexibility at an economical cost.

Typ. AXS

AXS tubing is superior to the standard ASS or AFS hose and is suitable for the more demanding industrial applications. Spiral corrugations offer up to 30% better flow efficiency compared to annular and endures repetitious bending as stresses are dispersed over a number of corrugations rather than individual annular rings.

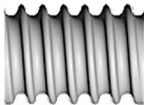
Features

- Produced in sizes 1/4" through to 2 1/2"
- Material grade 304, 316L, 321 and Monel available
- Continuous lengths up to 60m
- Single and double wire braid in 304 or 316 stainless - Pressures shown are based on the use of standard weight braid- for higher pressures HB or XB braids can be used
- Temp range -197°C to +450°C (Mild Steel fittings) +800°C (Stainless fittings)
- Spiral corrugations - for self draining, easy cleaning, less corrosion entrapment, best flow features and lower pressure drop compared to annular
- Excellent chemical resistance, significantly higher than standard weight



Part No.	Un-Braided Tube Details						Braided Tube		Max Pressure at 20°C Ambient			
	Nominal Bore		Strip Y	Pitch	Unbraided		Min Bend Rad.	Flexing	Single (Type SB) Braided		Double (Type SB) Braided	
	inch	mm			Working	Burst			Static	mm	Working	Burst
AXS-06	1/4	8	0.2	2.1	10.6	42.4	25	80	120	480	160	640
AXS-10	3/8	10	0.25	2.4	9.7	38.8	30	100	80	320	110	440
AXS-15	1/2	13	0.25	2.8	6.2	24.8	50	140	70	280	100	400
AXS-18	5/8	16	0.25	2.8	6.2	24.8	50	140	60	240	85	340
AXS-20	3/4	20	0.3	3.3	4.2	16.8	70	150	50	200	75	300
AXS-25	1	25	0.3	3.5	5.6	22.4	80	160	40	160	60	240
AXS-32	1 1/4	32	0.3	4.0	3.4	13.6	100	170	35	140	50	200
AXS-40	1 1/2	40	0.4	4.8	3.8	15.2	150	240	25	100	35	140
AXS-50	2	50	0.4	5.1	2.2	8.8	200	270	20	80	30	120
AXS-65	2 1/2	65	0.4	6.5	2.0	8.0	250	360	20	80	25	100

Complies to BS6501 in all aspects - equivalent to type B
Not to be confused with Helical hose which is circumferential welded and is strictly not acceptable within this standard



Picture above illustrates open pitch spiral corrugations

Options

- A wide style of end fittings available upon request
- TIG welded, Brazed or Non-welded assemblies available
- Various end fitting materials available
- Fully cleaned and mass spectrometer testing available
- Deconvoluted ends available 3/8" to 1 1/2"

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