

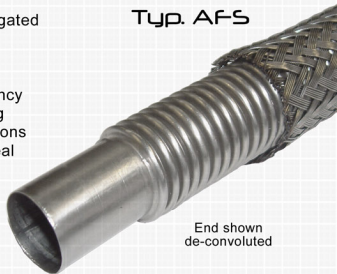
Spirally Corrugated Hose

- Standard Weight - Fine Pitch

Arcflex stainless steel butt welded tube spirally corrugated close pitch standard weight hose offers exceptional flexibility at an economical cost.

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. This tubing is ideal for the majority of industrial applications.

Typ. AFS



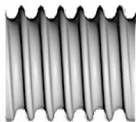
End shown
deconvoluted

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 - light weight grades as standard - available with any of Arcflex's standard braid range
- 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

Part No.	Un-Braided Tube Details						Braided Tube		Max Pressure at 20°C Ambient			
	Nominal Bore		Strip T	Pitch	Unbraided		Min Bend Rad. Static	Flexing	Single (Type LB) Braided		Double (Type LB) Braided	
	inch	mm			Working bar	Test bar			Working bar	Burst bar	Working bar	Burst bar
AFS-08	1/4	8	0.15	2.3	2.0	8.0	25	70	80	320	120	480
AFS-10	3/8	10	0.18	2.5	2.0	8.0	30	80	70	280	105	420
AFS-15	1/2	13	0.18	2.8	1.0	4.0	40	90	55	220	80	320
AFS-20	3/4	20	0.2	3.3	1.0	4.0	45	120	35	140	50	200
AFS-25	1	25	0.2	3.5	1.0	4.0	55	130	25	100	35	140
AFS-32	1 1/4	32	0.25	4.1	1.0	4.0	60	160	25	100	35	140
AFS-40	1 1/2	40	0.25	4.6	1.0	4.0	100	170	30	120	45	180
AFS-50	2	50	0.25	5.0	0.5	2.0	145	220	28	112	42	168
AFS-65	2 1/2	65	0.25	6.0	0.5	2.0	160	260	24	96	36	144

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 fine 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"
- Higher pressure can be achieved using heavier braids

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