

Annular 'U' Form Corrugated Hose - Medium Weight

Typ. APS

Arcflex stainless steel butt welded tube annularly corrugated close pitch medium weight hose for the majority of industrial applications. Manufactured by conventional split die, internally pressurised forming processes.

High flexibility, durable, chemically resistant and easier to weld than spirally corrugated tube.

Features

- Produced in a wide range of sizes 1/4" to 8"
- Material grade 304, 316L, 321 and Monel (Bronze and Inconel can be produced for special orders)
- Stocked in standard coil lengths (Non-standard lengths can be provided for special orders)
- Temperature range = -270°C to +600°C
- Ideal for conveying chemicals, gases, steam etc.
- Suitable for use under full vacuum



Part No.	Un-Braided Tube Details				Braided Tube		Max Pressure at 20°C Ambient					
	Nominal Bore		Strip T	Pitch	Unbraided		Min Bend Rad. Static	Single (Type SB) Working	Braided Burst	Double (Type SB) Working	Braided Burst	
	inch	mm			Working bar	Test bar						
APS-06	1/4	8	0.2	2.4	4.0	6.0	45	100	100.0	400.0	150.0	600.0
APS-10	3/8	10	0.2	2.6	4.0	6.0	50	150	90.0	360.0	135.0	540.0
APS-15	1/2	12	0.2	3.0	3.0	4.5	65	200	80.0	320.0	120.0	480.0
APS-20	3/4	20	0.2	3.7	2.0	3.0	70	203	64.0	256.0	96.0	384.0
APS-25	1	25	0.25	3.9	2.0	3.0	104	229	50.0	200.0	75.0	300.0
APS-32	1 1/4	32	0.3	6.0	1.5	2.3	117	267	40.0	160.0	60.0	240.0
APS-40	1 1/2	40	0.3	6.6	1.5	2.3	152	292	30.0	120.0	45.0	180.0
APS-50	2	50	0.3	7.6	1.0	1.5	160	318	28.0	112.0	42.0	168.0
APS-65	2 1/2	65	0.3	8.5	1.0	1.5	175	508	24.0	96.0	36.0	144.0
APS-75	3	75	0.4	9.5	1.0	1.5	231	610	18.0	72.0	27.0	108.0
APS-100	4	100	0.4	9.5	0.8	1.2	250	750	16.0	64.0	24.0	96.0
APS-125	5	125	0.4	10.2	0.6	0.9	318	900	12.0	48.0	18.0	72.0
APS-150	6	150	0.4	12.9	0.6	0.9	353	1050	10.0	40.0	15.0	60.0
APS-200	8	200	0.5	13.8	0.5	0.8	456	1180	8.0	32.0	12.0	48.0

Flexibility in accordance with class B as per BS6501 and ISO 10863

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
- Various protective covers available
- Higher pressure can be achieved using heavier braids
- Proflex APS-OX range for open pitch (Less Flexible)
- Proflex APS-CP range for fine pitch (Improved Flexibility)



Picture above illustrates Standard pitch annular corrugations

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