Tiflex Hose AP type

Features

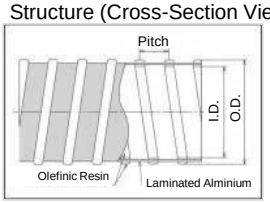
- Heat resistant flexible hose constructed of special laminated aluminum foil and olefinic resin.
- Excels in airtightness due to using olefinic resin for internal and external of the special laminated aluminum.
- Excels in handling due to its lightweight and flexibility.
- Continuous usable temperature is about 100 ℃ or lower.

Applications

- For gas conveying (include hot air).
- For air conveying and exhaust requiring airtightness .

Hose

Structure (Cross-Section View)



Sizes and properties (AP-☐)

Nominal Dia. (ϕ)	I.D. (mm)	O.D. (mm)	Pitch (mm)	Working Pressure (20℃) MPa or less/ [kgf/cm^2 or less]	Allowable Reduced Pressure (20℃) KPa or less/ [mmHg or less]	Bending Radius (mm or more)	Ref. Weight (g/m)	Std. Length (m)
38	38.1±1.0	42.9	11.5	0.06[0.61]	-50.0[-375]	60	120	5, (20)
50	50.8 $^{+1.5}_{-1.0}$	56.4	15.0	0.05[0.51]	-40.0[-300]	70	150	
75	76.2 $^{+1.5}_{-1.0}$	83.8	23.0	0.04[0.41]	-30.0[-225]	80	250	
100	101.6±1.5	110.0	23.0	0.03[0.31]	-20.0[-150]	100	380	
(125)	126.0 $^{+2.0}_{-1.5}$	136.0	30.0	0.02[0.20]	-15.0[-115]	120	450	5, 20
(150)	151.5 $^{+2.0}_{-1.5}$	162.3	30.0	0.02[0.20]	-12.0[-90]	180	650	
(200)	202.0±2.0	214.4	30.0	0.01[0.10]	-6.0[-45]	240	1,100	5, 10

( ) are custom-made products.

Nominal Dia. (ϕ)	Bending Strength (Bent 180°, 25℃, 20 times/min)
38	10,000 times Normal airtightness
50	10,000 times Normal airtightness
75	10,000 times Normal airtightness
100	10,000 times Normal airtightness