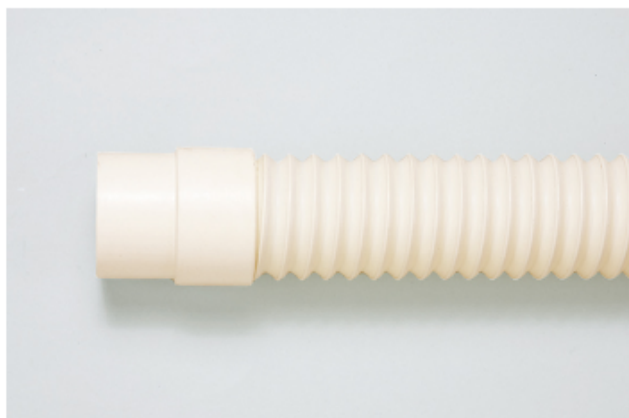


Tiflex Hose P-2 Type (BEBE F-AC)



Features

- Excels in stretchability (rate of shrinkage 1/3 ~ 1/4).

Freely stretchable and excels in accommodation property making storage convenient.

Also, less space is needed for stocking.

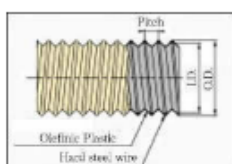
- Hose transportation cost is less making it economical.
- 50% lighter in weight than existing duct hoses.
(Compared with Tigers Polymer's other duct hoses.)

- Light weight and freely bendable making piping work easy.

• Hose can be bent toward any direction for which reason elbow cuffs are not necessary.

Applications

- For spot cooling and heating.
- For air-conditioning.
- For indoor air conveying and exhaust.
- For exhaust of paint and gas venting.
- For gas conveying (include hot air).
- Can be shaped into various forms making it usable for interior designing as well.



Fluid	• Air(excluding compressed air)
Temperature	Temperature -20°C~ Temperature 80°C
Function	• Air intake and exhaust

*Since wire might be exposed from a hose end, hose should be handled carefully.

Sizes and properties(P2-□)

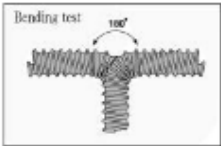
Nominal Dia. (Φ)	I.D. (mm)	O.D. (mm)	Pitch (mm)	Working Pressure (20°C) MPa or less/ [kgf/cm ² or less]	Allowable Reduced Pressure (20°C) KPa or less/ [mmHg or less]	Bending Radius (mm or more)	Ref. Weight (g/m)	Std. Length (m)
38	37.5	41.5±0.8	9.5	0.018[0.18]	-17.0[-130]	30	140	5
50	53.5	57.5±1.0	11.0	0.014[0.14]	-17.0[-130]	40	175	
65	67.0	71.0±1.0	11.5	0.011[0.09]	-17.0[-130]	50	210	
75	76.5	80.5±1.0	12.0	0.009[0.09]	-17.0[-130]	60	245	
90	92.0	96.0±1.0	14.0	0.007[0.07]	-17.0[-130]	70	320	
100	102.0	106.0±1.0	14.0	0.007[0.07]	-17.0[-130]	75	365	
125	127.5	131.5±1.0	15.0	0.005[0.05]	-11.0[-85]	90	435	
150	155.0	159.0±1.0	15.0	0.004[0.04]	-8.0[-62]	110	530	
200	202.0	208.0±1.0	19.3	0.003[0.03]	-6.0[-45]	140	1,085	
250	253.5	259.5±1.0	21.5	0.002[0.02]	-4.5[-35]	180	1,250	
300	302.0	308.0±1.5	24.0	0.002[0.02]	-4.0[-30]	230	1,455	

(Note) I.D. shall be measured as the distance between the helical reinforcement wires.

Bending Test

Nominal Dia. (Φ)	Bending Strength (Bent 180°C, 25°C,20 times/min)	Stretching Strength (25°C,20times/min)	Tensile Strength (25°C) N[kgf]
50	100,000 times no change	100,000 times no change	392[40.0]
65	100,000 times no change	100,000 times no change	490[50.0]
75	100,000 times no change	100,000 times no change	588[60.0]

[Usable temperature range]-20°C~80°C
However, please consult us because there are case of the stretching performance being affected when used continuously at over 60°C.



- These descriptions can be altered for a reason of improvement without any notification.
- These descriptions shall be as of September 1, 2019.