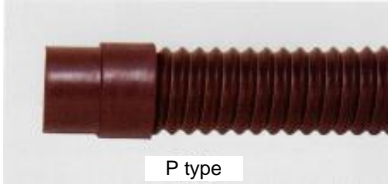


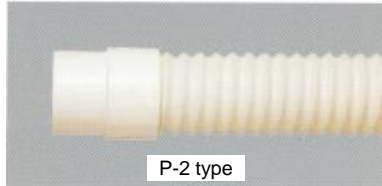
Tiflex Hose P, P-2 type

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

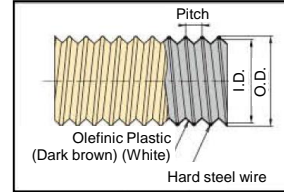
Hose (P type/Color: Dark Brown)



Hose (P-2 type/Color: White)



Structure (Cross-Section View)



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.

Sizes and properties (P-□, 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.

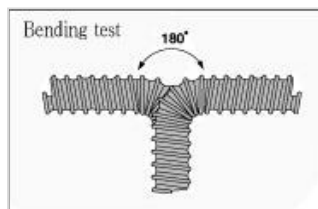
Applications

- 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.

* There are two types. One is Tiflex P type (dark brown) and the other one is P-2 type (white). There is no difference in performance and specification.

Bending Test

Nominal Dia. (ϕ)	Bending Strength (Bent 180°, 25°C, 20 times/min)	Stretching Strength (25°C, 20 times/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 to 80°C

However, please consult us because there are case of the stretching performance being affected when used continuously at over 60°C.