

Tiflex Hose V series

Since both ends of a hose are sharp metallic edges, hose should be handled carefully.

FP type

Features

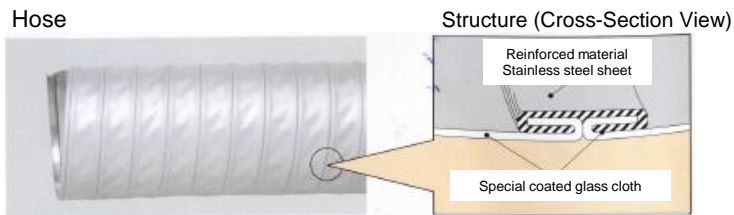
- Constructed of special coated glass cloth and stainless-steel copper plate (SUS304).
- Easy to store, keep, and transport due to light weight and free contractibility.
- Continuous usable temperature is 250°C or lower. Therefore it can be used in higher heat range than PAL and AG type.
- Special coated glass cloth sheet which is used as a material is Class 1 Fire-Proof Material prescribed in JIS A1322.

Note: Not suited for repeated flexing, but is better than PAL type and AG type.

Note: Not suited for applications requiring airtightness.

Applications

- Suit for duct of hot air generation & circulation system.



Sizes and properties (FP-□)

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]	Allowable Bending Radius (mm or more)	Ref. Weight (g/m)	Std. Length (m)
50	50.8±1.0	55.3	20.0	0.018 [0.18]	-17.0 [-130]	60	365	5
65	65.5±1.0	70.5	20.0	0.015 [0.15]	-17.0 [-130]	70	475	
75	75.5±1.0	80.5	20.0	0.013 [0.13]	-15.0 [-115]	80	550	
90	91.0±1.0	96.0	24.0	0.010 [0.10]	-13.0 [-100]	95	565	
100	101.5±1.5	106.0	24.0	0.010 [0.10]	-13.0 [-100]	105	625	
125	126.0±1.5	131.0	24.0	0.010 [0.10]	-13.0 [-100]	125	790	
150	152.0±1.5	157.0	24.0	0.008 [0.08]	-9.0 [-70]	150	980	
(175)	177.0±2.0	182.0	24.0	0.006 [0.06]	-8.0 [-62]	175	1,140	
200	202.0±2.0	207.0	24.0	0.005 [0.05]	-6.0 [-45]	200	1,300	
250	253.5±2.5	258.5	24.0	0.003 [0.03]	-3.0 [-23]	255	1,610	
(275)	278.0±2.5	283.5	24.0	0.003 [0.03]	-3.0 [-23]	280	1,780	
300	304.0±3.0	309.5	24.0	0.002 [0.02]	-3.0 [-23]	305	1,910	

() are custom-made products.

Nipple for connecting with steel pipe or two hoses connecting is also available.

Please refer to P53.

SUS type

Features

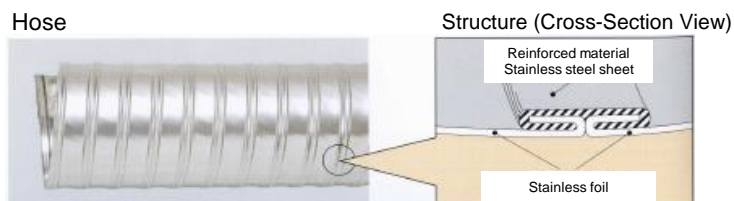
- Constructed entirely of stainless steel (SUS 304).
- Continuous usable temperature is 400°C or lower.

Note: Excels in heat resistance and can be bent but is not suited for repeated flexing.

Note: Not suited for applications requiring airtightness.

Applications

- Suit for fixed piping of equipments for pollution control, devices for physics & chemistry, and burning equipment.



Sizes and properties (SUS-□)

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)
50	50.8±1.0	53.8	20.0	0.018 [0.18]	-21.0 [-160]	60	330	2
65	65.5±1.0	69.0	20.0	0.015 [0.15]	-21.0 [-160]	70	420	
75	75.5±1.0	79.0	20.0	0.013 [0.13]	-21.0 [-160]	80	480	
90	91.0±1.0	94.5	24.0	0.010 [0.10]	-17.0 [-130]	95	545	
100	101.5±1.5	105.0	24.0	0.010 [0.10]	-15.0 [-115]	105	560	
125	126.0±1.5	129.5	24.0	0.010 [0.10]	-15.0 [-115]	125	700	
150	152.0±1.5	155.5	24.0	0.008 [0.08]	-13.0 [-100]	150	825	
(175)	177.0±2.0	180.5	24.0	0.006 [0.06]	-10.0 [-78]	175	1,060	
200	202.0±2.0	205.5	24.0	0.005 [0.05]	-9.0 [-70]	200	1,080	
250	253.5±2.5	257.0	24.0	0.003 [0.03]	-6.0 [-45]	255	1,400	
(275)	278.0±2.5	281.5	24.0	0.003 [0.03]	-6.0 [-45]	280	1,550	
300	304.0±3.0	307.5	24.0	0.002 [0.02]	-6.0 [-45]	305	1,650	

() are custom-made products.

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Please refer to P53.