

Tiflex Hose FC type (Mortar Hose)

* FC type is right-handed.

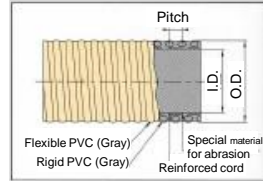
Hose



Example of Metal Fixture Fitting



Structure (Cross-Section View)



Features

- Excels in pressure resistance due to low stretchability under pressure.
- Excels in abrasion resistance.
- Fluid can flow smoothly because inner surface is flat and smooth by use of inner tube expansion metal fitting.
(In the case that hose and fixture are fitted by us.)

Sizes and properties (FC-□)

Nominal Dia. (φ)	I.D. (mm)	O.D. (mm)	Pitch (mm)	Working Pressure (20°C) MPa or less/ [kgf/cm ² or less]	Deformation Temp. (-0.1MPa/-760mmHg) (°C)	Allowable Bending Radius (mm or more)	Ref. Weight (g/m)	Std. Length (m)
(38)	38.5±1.0	52.0	9.0	1.50 [15.3]	60	500	1,180	20, 50
50	51.0±1.0	65.0	10.5	1.50 [15.3]	60	700	1,500	

() are custom-made products.

* For the hose elongation rate due to pressure, please refer to P70.

Applications

- Pressure discharge of mortar at shield construction.
- Pressure discharge of high viscosity substance.

Tiflex Hose FC 20 type(Mortar Hose)

* FC 20type is right-handed.

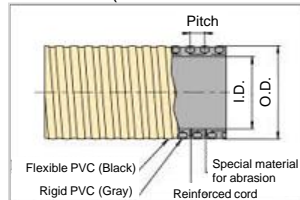
Hose



Example of Metal Fixture Fitting



Structure (Cross-Section View)



Features

- Excels in pressure resistance due to low stretchability under pressure.
- Excels in abrasion resistance.
- Fluid can flow smoothly because inner surface is flat and smooth by use of inner tube expansion metal fitting
(In the case that hose and fixture are fitted by us.)

Sizes and properties (FC20-□)

Nominal Dia. (φ)	I.D. (mm)	O.D. (mm)	Pitch (mm)	Working Pressure (20°C) MPa or less/ [kgf/cm ² or less]	Deformation Temp. (-0.1MPa/-760mmHg) (°C)	Allowable Bending Radius (mm or more)	Ref. Weight (g/m)	Std. Length (m)
50	51.0±1.0	67.0	10.5	2.00 [20.4]	60	700	1,760	20, 50
75	76.5±1.0	96.0	15.0	2.00 [20.4]	60	1,200	3,000	

* For the hose elongation rate due to pressure, please refer to P70.

- FC type with an enhanced allowable pressure to 2.0Mpa [20.4kgf / cm²]

Applications

- Pressure discharge of mortar at shield construction.
- Pressure discharge of high viscosity substance.