

Tiflex Hose GL-ST type

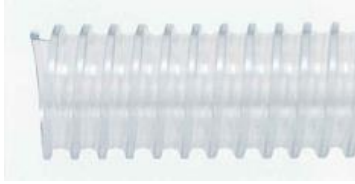
Features

- Transparent type of GL type.
- Transparent making it possible to confirm the contents.
- Light weighted, flexible, and low airflow resistance as same as GL type.
- Excels in antistatic effect because the soft part is made by PVC contains antistatic substance.

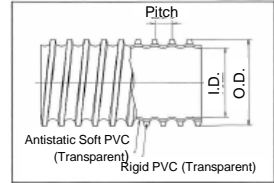
Applications

- Dust collection of wood working machine and pneumatic conveying of powders.
- Indoor piping of clean room where static electricity is undesirable.

Hose



Structure (Cross-Section View)



Sizes and properties (GL[ST]-□)

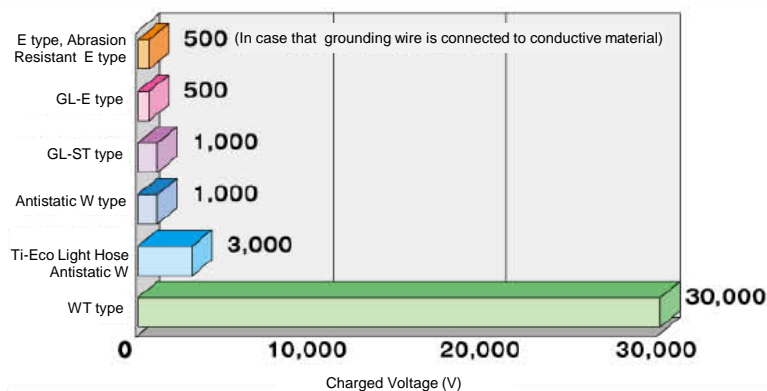
Nominal Dia. (φ)	I.D. (mm)	O.D. (mm)	Pitch (mm)	Working Pressure (20°C) MPa or less/ [kgf/cm ² or less]	Allowable Reduced Pressure (20°C) KPa or less/ [mmHg or less]	Bending Radius (mm or more)	Ref. Weight (g/m)	Std. Length (m)
25	25.0±0.8	32.4	7.6	0.06 [0.6]	-66.5 [-500]	25	200	50
32	32.0±1.0	39.8	8.0	0.06 [0.6]	-66.5 [-500]	32	260	
38	38.1±1.0	45.9	9.0	0.06 [0.6]	-66.5 [-500]	35	320	
50	50.8 ^{+1.5} _{-1.0}	59.9	12.0	0.05 [0.5]	-66.5 [-500]	50	453	
65	63.5 ^{+1.5} _{-1.0}	72.6	12.0	0.04 [0.4]	-66.5 [-500]	60	557	30
75	76.2 ^{+1.5} _{-1.0}	85.8	14.5	0.04 [0.4]	-33.0 [-250]	75	600	
(90)	89.0±1.5	98.6	14.5	0.03 [0.3]	-33.0 [-250]	85	695	
100	101.6±1.5	112.0	14.5	0.03 [0.3]	-21.0 [-160]	90	870	
125	127.0±1.5	137.5	17.5	0.02 [0.2]	-20.0 [-150]	120	960	20
150	152.4±1.5	163.8	17.5	0.02 [0.2]	-14.5 [-110]	150	1,350	
(175)	175.0±1.5	187.0	17.5	0.02 [0.2]	-10.0 [-78]	180	1,892	
200	202.0±2.0	215.0	17.5	0.01 [0.1]	-6.0 [-45]	210	2,338	
(250)	252.0±2.0	265.7	20.0	0.01 [0.1]	-4.5 [-35]	260	2,872	10, 20
(300)	303.0±2.0	316.4	20.0	0.01 [0.1]	-3.0 [-23]	310	3,389	

() are custom-made products.

* Exclusive cuffs are available.

Antistatic Effect

Measured each maximum voltage which is charged to φ 38mm hoses after rigid PVC pellets were conveyed.



These are not standard values, but test ones.