

# Tiflex Hose GL type

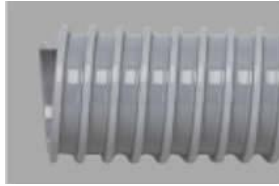
## Features

- Light in weight and easy to carry.
- Excels in flexibility.
- Excels in chemical resistance such as acid and alkalis.
- Its low flow resistance makes high conveying capacity attainable.

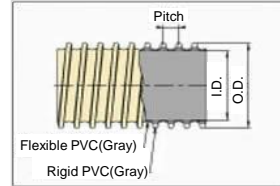
## Applications

- For air conditioning.
- Suited for collecting use of powders and grains for dust collect machine.
- Can be used for air conveying of general machineries including woodworking machines, powder spraying machines, and general dust collectors.

Hose



Structure (Cross-Section View)



Sizes and properties (GL-□)

Nominal Dia. (φ)	I.D. (mm)	O.D. (mm)	Pitch (mm)	Working Pressure (20°C) MPa or less/ [kgf/cm <sup>2</sup> 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	185	50
32	32.0±1.0	39.8	8.0	0.06 [0.6]	-66.5 [-500]	32	300	
38	38.1±1.0	45.9	9.0	0.06 [0.6]	-66.5 [-500]	35	370	
45	43.7±1.0	53.5	12.0	0.05 [0.5]	-66.5 [-500]	45	440	
50	50.8 <sup>+1.5</sup> <sub>-1.0</sub>	59.9	12.0	0.05 [0.5]	-66.5 [-500]	50	480	
65	63.5 <sup>+1.5</sup> <sub>-1.0</sub>	72.6	12.0	0.04 [0.4]	-66.5 [-500]	60	600	30
75	76.2 <sup>+1.5</sup> <sub>-1.0</sub>	85.8	14.5	0.04 [0.4]	-33.0 [-250]	75	650	
90	89.0±1.5	98.6	14.5	0.03 [0.3]	-33.0 [-250]	85	730	
100	101.6±1.5	112.0	14.5	0.03 [0.3]	-21.0 [-160]	90	980	20
(115)	114.5 <sup>+3.0</sup> <sub>-0</sub>	125.3	17.5	0.02 [0.2]	-20.0 [-150]	115	1,050	
125	127.0±1.5	137.2	17.5	0.02 [0.2]	-20.0 [-150]	120	1,100	
150	152.4±1.5	163.8	17.5	0.02 [0.2]	-14.5 [-110]	150	1,510	
(165)	166.4±1.5	177.4	17.5	0.02 [0.2]	-14.5 [-110]	165	1,710	
(175)	175.0±1.5	187.0	17.5	0.02 [0.2]	-10.0 [-78]	180	1,800	
200	202.0±2.0	215.0	17.5	0.01 [0.1]	-6.0 [-45]	210	2,340	
250	252.0±2.0	265.7	20.0	0.01 [0.1]	-4.5 [-35]	260	2,910	10, 20
300	303.0±2.0	316.4	20.0	0.01 [0.1]	-3.0 [-23]	310	3,370	

( ) are custom-made products.

\* Exclusive cuff is available.

# Tiflex Hose GL-2 type (Custom-made product)

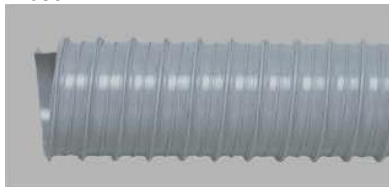
## Features

- Lighter in weight than current duct hoses (About 50% lighter in weight than our other hoses.)
- Excels in flexibility.
- Excels in chemical resistance such as acids and alkalis.
- Low flow resistance makes high conveying capacity attainable.

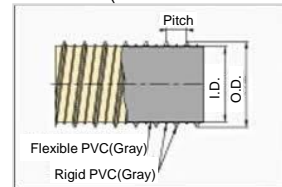
## Applications

- For air conditioning.

Hose



Structure (Cross-Section View)



Sizes and properties (GL2-□)

Nominal Dia. (φ)	I.D. (mm)	O.D. (mm)	Pitch (mm)	Working Pressure (20°C) MPa or less/ [kgf/cm <sup>2</sup> 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±1.5	57.8	15.0	0.04 [0.4]	-44.0 [-330]	60	240	20
65	63.5±1.5	70.6	15.0	0.04 [0.4]	-28.0 [-210]	70	290	
75	76.2±1.5	83.7	17.0	0.03 [0.3]	-18.5 [-140]	80	390	
100	101.6±1.5	109.7	17.0	0.02 [0.2]	-9.0 [-70]	110	500	
125	127.0±1.5	135.8	20.0	0.02 [0.2]	-6.0 [-45]	135	735	
150	152.4±1.5	161.2	20.0	0.02 [0.2]	-4.0 [-30]	160	882	