

# Tiflex Hose WS type

\* WS type is right-handed.

## Features

- Heavy duty type of WT type.
- Excels in pressure resistance due to reinforcement cord.
- Light in weight and excels in flexibility.
- Suited for delivery and suction use.

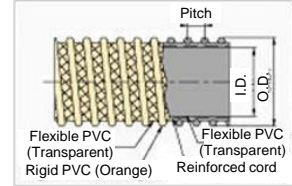
## Applications

- Suction and draining for civil engineering work, etc.

Hose



Structure (Cross-Section View)



Sizes and properties (WS-□)

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]	Deformation Temp. (-0.1MPa/-760mmHg) (°C)	Bending Radius (mm or more)	Ref. Weight (g/m)	Std. Length (m)
25	25.4±0.5	34.4	8.0	0.50 [5.1]	70	90	320	50
32	31.8±0.5	42.0	9.0	0.50 [5.1]	70	120	440	
38	38.1±0.5	49.5	9.0	0.50 [5.1]	65	150	630	20, 50
50	50.8±1.0	62.8	10.0	0.50 [5.1]	65	200	860	
65	63.5±1.0	78.0	14.3	0.50 [5.1]	60	250	1,230	
75	76.0±1.0	90.8	15.1	0.50 [5.1]	60	350	1,410	
100	101.6±1.5	119.0	16.5	0.50 [5.1]	60	500	2,350	20, (50)
125	127.0±1.5	151.0	22.0	0.50 [5.1]	55	600	3,885	
150	152.4 <sup>+2.0</sup> <sub>-1.5</sub>	180.0	24.0	0.50 [5.1]	55	750	5,130	
200	203.0 <sup>+2.0</sup> <sub>-1.5</sub>	235.0	28.0	0.50 [5.1]	50	1,200	7,950	10, 20
250	254.0 <sup>+3.0</sup> <sub>-2.0</sub>	295.0	32.0	0.25 [2.5]	50	1,800	11,800	5
(300)	304.8 <sup>+3.0</sup> <sub>-2.0</sub>	350.0	34.0	0.25 [2.5]	45	2,100	19,000	
(350)	360.0±3.0	407.0	37.0	0.25 [2.5]	45	2,500	21,600	

( ) are custom-made products.

Working pressure is different depending on fitting method of metal fixture and band.

(Thorough care should be observed when fitting at work sites.)

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

\* For the temperature dependence of the allowable pressure, please refer to P71.

\* For R-power band tightening torque, please refer to P71.



WS type, Outer Socket Caulking



WS type, R-Power Band Tightening

