

# Tiflex Hose N type

Since wire might be exposed from a hose end, hose should be handled carefully.

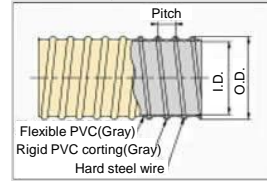
## Features

- Light in weight and easy to carry.
- Excels in flexibility.
- Excels in chemical resistance such as acids and alkalis.
- Less thermal deformation by use of metal wire as core wire.

Hose



Structure (Cross-Section View)



Sizes and properties (N-□)

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)
16	16.7±0.7	21.2	7.5	0.06 [0.6]	-101.0 [-760]	20	110	20
19	19.5±0.7	24.0	8.0	0.06 [0.6]	-101.0 [-760]	23	130	
25	25.5±0.7	30.0	9.0	0.06 [0.6]	-101.0 [-760]	25	170	
32	32.5±0.7	37.0	9.0	0.06 [0.6]	-101.0 [-760]	35	210	
38	38.1±0.7	42.6	9.0	0.06 [0.6]	-101.0 [-760]	40	250	
45	45.5±1.0	52.3	11.5	0.05 [0.5]	-101.0 [-760]	45	400	
50	50.8±1.0	57.6	11.5	0.05 [0.5]	-101.0 [-760]	55	440	
65	63.5 <sup>+1.5</sup> <sub>-0.5</sub>	70.5	11.5	0.04 [0.4]	-73.0 [-550]	70	540	
75	75.5 <sup>+1.5</sup> <sub>-0.5</sub>	82.5	11.5	0.04 [0.4]	-33.0 [-250]	80	770	
90	89.0 <sup>+1.5</sup> <sub>-0.5</sub>	96.0	11.5	0.03 [0.3]	-33.0 [-250]	90	910	
100	102.2 <sup>+2.0</sup> <sub>-1.0</sub>	109.0	14.5	0.03 [0.3]	-21.0 [-160]	100	950	
125	127.0 <sup>+2.0</sup> <sub>-1.0</sub>	134.5	15.5	0.02 [0.2]	-20.0 [-150]	120	1,300	
150	152.6 <sup>+2.0</sup> <sub>-1.5</sub>	160.0	15.5	0.02 [0.2]	-14.5 [-110]	130	1,590	
(175)	177.0 <sup>+2.0</sup> <sub>-1.5</sub>	184.0	16.5	0.02 [0.2]	-13.0 [-100]	170	1,840	
200	204.1 <sup>+2.0</sup> <sub>-1.5</sub>	211.5	16.5	0.01 [0.1]	-8.0 [-62]	200	2,110	
250	252.0 <sup>+2.0</sup> <sub>-2.0</sub>	261.5	16.5	0.01 [0.1]	-6.0 [-45]	250	3,600	(10), 20
(300)	303.0 <sup>+3.0</sup> <sub>-2.0</sub>	312.5	16.5	0.01 [0.1]	-4.5 [-35]	300	4,300	10, 20
(350)	354.0 <sup>+3.0</sup> <sub>-2.0</sub>	363.5	17.0	0.01 [0.1]	-3.0 [-23]	350	5,000	10
(400)	405.0 <sup>+3.0</sup> <sub>-2.0</sub>	414.5	17.0	0.005 [0.05]	-2.0 [-15]	400	5,710	

( ) are custom-made products.

\* Exclusive cuffs are available.