



nile air tools

COIL HOSE



COIL HOSE

COIL HOSE. It is covered with pure urethane tube utilizing the properties of the thermoplastic polyurethane resin.

It is an epoch-making air hose of outer diameter only ϕ 28mm.

Utility Cylinder apparatus, Coating spray gun, Industrial equipment, Food machinery, Medical equipment, Pneumatic tools General

Appearance	The outer diameter is ϕ 28mm (standard type) : therefore light and easy to handle.
Flexibility	It is flexible and light weight (1/3 of the rubber hose) : therefore grip operation is easy and makes your work simple.
Elasticity	It has high repulsion characteristics and can endure severe use.
Wear resistance	Wear resistance is 3-5 times that of rubber hose.
Chemical resistance	Except for hydrochloric acid, phosphoric acid, sulfuric acid, nitric acid, and caustic soda, methyl chloride, chlorine-Benz aldehyde non-human. It use the material for the best that can withstand most (30 days soaked)
Heat resistant	Up to 70°C
Cold resistant	It do not spoil the flexibility even in the state of -10°C
Pressure resistance	It will tolerate a 300,000 times or more expansion and contraction test in air pressure 0.7MPa.
Operability	The outside diameter of the curl is narrow and the both end of the hose are straight for a certain size, therefore it won't rent even handling them roughly.
Color tone	The color of the hose is mellow green to prevent eyestrain.

Urethane air hose



COIL HOSE specification

Part number	Straight Portion A(mm)	Weight (g)	Coil outside diameter (ϕ mm)	Operating range (m)	Burst pressure (MPa)	Working pressure (MPa)	Inner Diameter× Outside Diameter (ϕ mm)	Fitting size	Carved seal No.
100	100	60	28	about 0.3	2.6	Up to 0.7	5 × 8	G1/4 Female thread	10
200	200	80		about 0.6					20
300	300	120		about 1.0					30
400	400	150		about 1.2					40
600	600	210		about 2.0					60
750	750	250		about 3.0					75

Urethane air hose



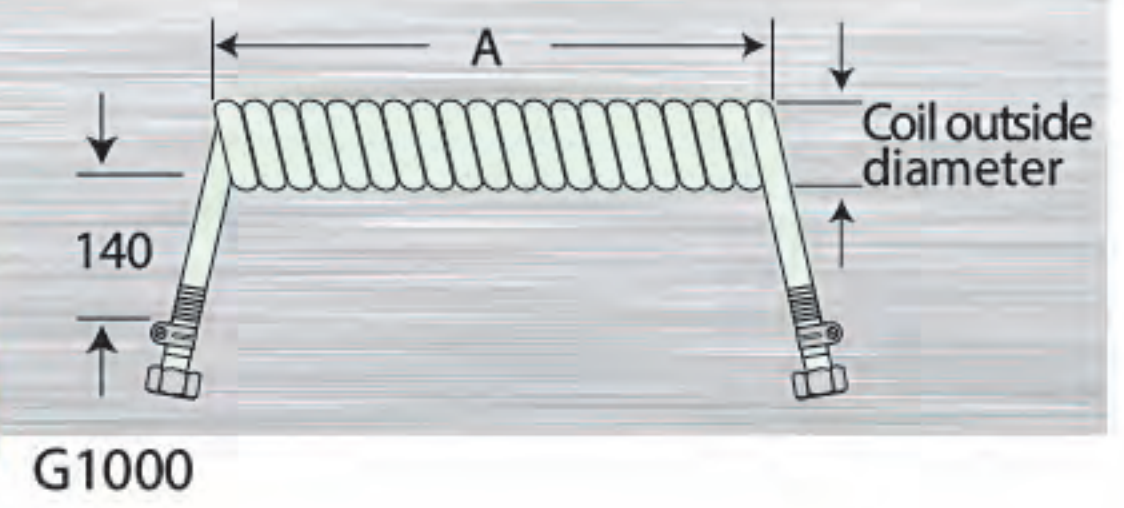
COIL HOSE specification

Part number	Straight Portion A(mm)	Weight (g)	Coil outside diameter (ϕ mm)	Operating range (m)	Burst pressure (MPa)	Working pressure (MPa)	Inner Diameter× Outside Diameter (ϕ mm)	Fitting size
1800	Curl Div.(A)300 Straight Div.(B) 1,500	190	28	about 2.5	2.6	Up to 0.7	5 × 8	G1/4 Female thread
3300	Curl Div.(A)300 Straight Div.(B) 3,000	240		about 4.0				

COIL HOSE

Semi-blade hose

Jumbo COIL HOSE



G1000

Jumbo COIL HOSE specification

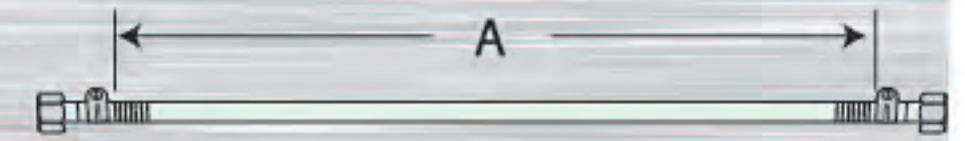
Part number	Straight Portion A(mm)	Weight (g)	Coil outside diameter (φ mm)	Operating range (m)	Burst pressure (MPa)	Working pressure (MPa)	Inner Diameter× Outside Diameter (φ mm)	Fitting size	Carved seal No.
G500	500	340	39	about 1.5	4.4	Up to 1.5	6.5 × 10	G1/4 Female thread	G5
G750	750	390		about 2.5					G7.5
G1000	1,000	500		about 4.0					G10
G1500	1,500	710		about 6.0					G15
G2000	2,000	920		about 8.0					G20

Urethane air hose

Straight HOSE



UH5



Straight HOSE specification

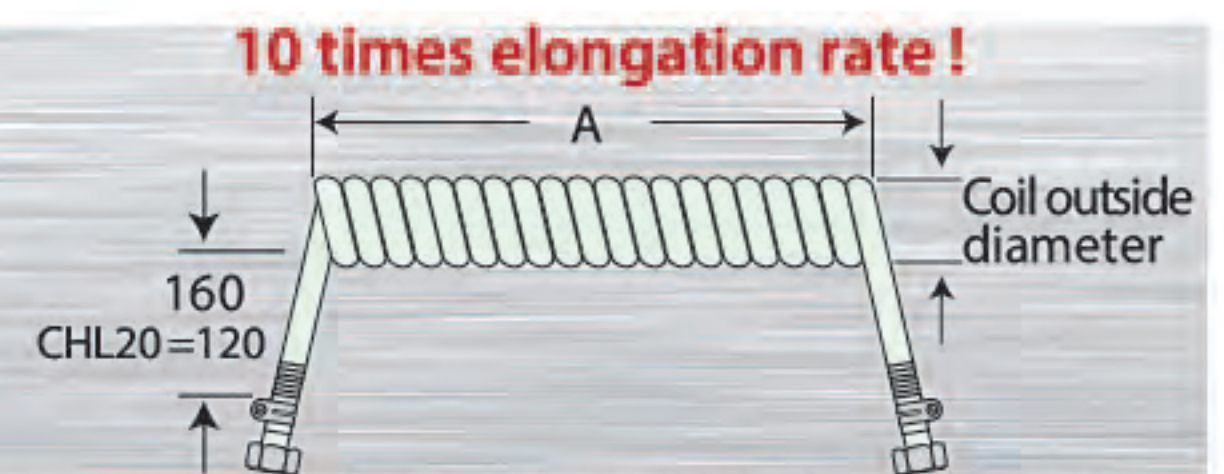
Part number	Straight Portion A(mm)	Weight (g)	Burst pressure (MPa)	Working pressure (MPa)	Inner Diameter× Outside Diameter (φ mm)	Fitting size
UH2	2,000	140	2.6	Up to 0.7	5 × 8	G1/4 Female thread
UH3	3,000	180				
UH5	5,000	250				
UH7	7,000	340				
UH10	10,000	460				

Thickly rolled Coil hose

CHL type COIL HOSE



CHL30



10 times elongation rate!
Because it expands 10 times of the full length, the use range will widen.

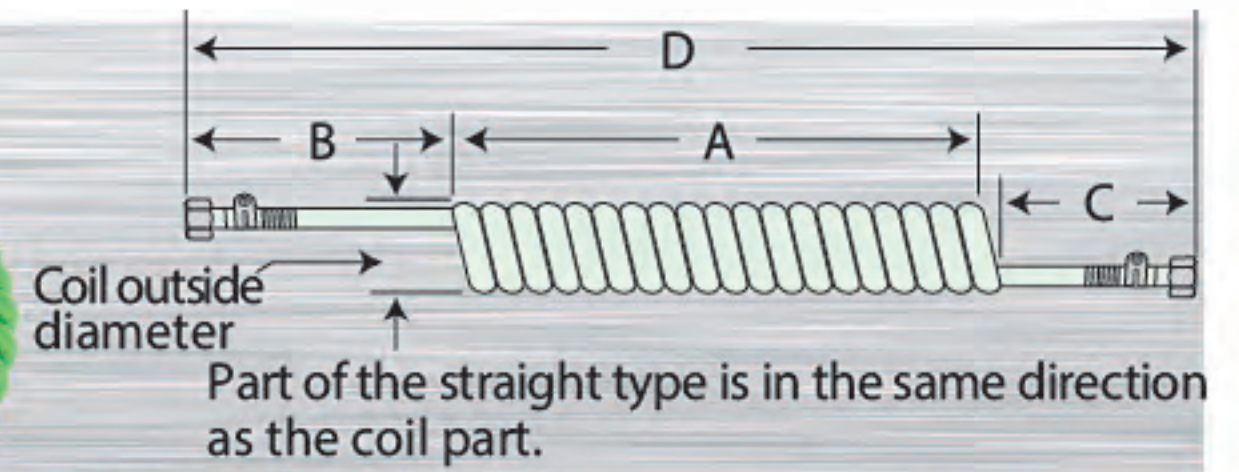
CHL type COIL HOSE specification

Part number	Straight Portion A(mm)	Weight (g)	Coil outside diameter (φ mm)	Operating range (m)	Burst pressure (MPa)	Working pressure (MPa)	Inner Diameter× Outside Diameter (φ mm)	Fitting size	Carved seal No.
CHL20	200	200	56	about 2.0	2.6	Up to 0.7	5 × 8	G1/4 Female thread	L2
CHL30	300	270		about 3.0					L3
CHL40	400	340		about 4.0					L4
CHL50	500	400		about 5.0					L5
CHL60	600	450		about 6.0					L6

COIL HOSE

Urethane air hose

SE type COIL HOSE



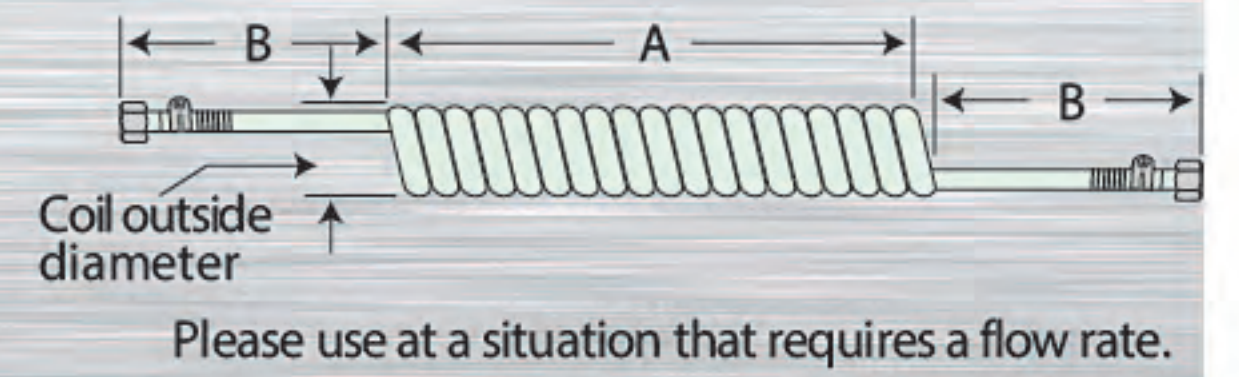
SE70

SE type COIL HOSE specification

Part number	Straight Portion(mm)				Weight (g)	Coil outside diameter (φ mm)	Operating range (m)	Burst pressure (MPa)	Working pressure (MPa)	Inner Diameter× Outside Diameter (φ mm)	Fitting size	note	Carved seal No.
	A	B	C	D									
SE30	300	100	100	500	100	28	about 1.0	2.6	Up to 0.7	5 × 8	G1/4 Female thread	Both ends spring	E3
SE40	400	200	100	700	190		about 1.5						E4
SE50	500	230	100	830	220		about 2.0						E5
SE60	600	230	100	930	250		about 2.5						E6
SE70	700	230	100	1,030	280		about 3.0						E7
SE80	800	230	100	1,130	310		about 3.5						E8

Urethane air hose

GS type COIL HOSE



GS750

GS type COIL HOSE specification

Part number	Straight Portion(mm)		Weight (g)	Coil outside diameter (φ mm)	Operating range (m)	Working pressure (MPa)	Inner Diameter× Outside Diameter (φ mm)	Fitting size	Carved seal No.
	A	B							
GS650	650	160	360	39	about 2.0	Up to 0.7	6.5 × 10	G1/4 Female thread	S65
GS750	750	160	410		about 2.5				S75
GS850	850	160	450		about 3.0				S85
GS950	950	160	510		about 3.5				S95