

Nylon Coil Tubing

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Features

- Coil tubing with strong elasticity easily returns from stretched form.
- High pressure resistance and heat resistance.



Nylon coil tubing with dedicated fittings attached

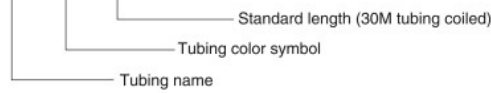
Standard products

Original length of tubing is 30M before being coiled.

Product number	Outer diameter x Inner diameter (mm)	Max. working pressure (MPa at 20°C)	Length of coil part	Max. stretchable length (mm)	Outer coil diameter (mm)	Weight (g/m)	Standard color (color symbol)
S3/16-OR-30M	5.95x4.76	1.2	1170	21	55	0.38	●
S1/4-OR-30M	7.85x6.35		1120	20	75	0.60	●
S3/8-OR-30M	11.80x9.53		1210	19	105	1.25	●
S1/2-OR-30M	15.87x12.70		1090	18	155	2.55	●
S3/4-OR-30M	22.80x19.05		690	19.5	360	3.80	●

Product number example

S1/4-OR-30M



Applicable fittings

QuickSeal series Nylon coil tubing dedicated type



Related products and product introduction

Q.D.C. 101 series



Operating fluid, working temperature range

Operating fluid	Working temperature range
Air	-40°C~+100°C

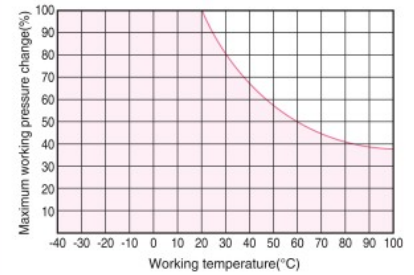
Negative pressure performance

-101.294kPa

Relation between the working temperature and the maximum working pressure

The maximum working pressure varies with the working temperature (environmental temperature). For use at an abnormal temperature, always check the maximum working pressure change in the graph below and keep the pressure within the indicated range.

⚠ Caution: Using tubes at a pressure outside the range may cause accidents or damage, for which Nitta is not liable.



📖 See page 10 for common instructions for tubing products.

Tubing
 Clean tubing
 Processed tubing
 PushOne fitting
 QuickSeal fitting
 Clean fitting/Chemifit
 Bamboo-shoot fitting
 Control switch/Detachable series
 Jig/Tool/Accessory
 Technical information
 Reference