



Spiral winding tubes in electronics are used for electrical insulation, mechanical protection and bundling of cables, wires and connections. They are used in particular in motors, generators and transformers, where special insulating materials such as Nomex®, Kapton®, Mylar® or Mica are usually used for high temperatures and voltages in order to prevent interference and to increase service life.

Spiral Winding Insulation Tubes, Non-Shrinking

Dimensions

Inner diameter: 1.6 - 175 mm
Wall thickness: 0.05 - 1.5 mm
Length: 5 - 4000 mm

Basic material	non-shrinking	shrinking	Shrinkage in % (inner diameter and length)	Operating temperature
Du Pont Mylar® UL approval E93687 or Mitsubishi 2MS0 UL approval E47688	Yes	Yes	30	Class B 130 °C
Du Pont Mylar® AHS Mitsubishi 2LS0 UL approval E57692	no	yes	10	Class B 130° C
Du Pont Nomex® UL approval E57692 & Mylar®	yes	yes	25	Class F 155 °C
Du Pont Nomex® UL approval E34739	yes	no	no	Class C 220°C
Du Pont Kapton® HN UL approval E39505	yes	no	no	225°C
Du Pont Kapton® FN - coated with Teflon®	yes	no	no	205°C

Recommended shrink temperature 150 °C for 5 - 10 s.

All products are made to order.
Production time 4 - 6 weeks