

Heat Shrink End Cap



Scope

This approval specifies technical requirement, package, storage and specification of the heat shrink cable end caps.

Standards

- ASTM-D-638 (GB/T 1040) - Standard test methods for tensile properties of plastics
- IEC 60243 (GB/T 1408) - Electrical strength of insulating materials-Test methods
- IEC 60093 (GB/T 1410) - Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials
- ISO 974 (GB/T 5470) - Plastics-Determination of the brittleness temperature by impact
- ASTM-D-5510 (GB/T 7141) - Plastics-Methods of heat aging



Technical Requirements

Product properties

RND heat shrink end caps are made of cross-linked polyolefin. It can be applied on de-energized power cables as a watertight sealing, electrical insulation and mechanical protection cover. It is coated with hot-melt adhesive to ensure reliable seal of cable ends.

Standard color: Black

Appearance

The surface of the end cap should be smooth and clean, and free of pinholes or cracks visible to the unaided eye

Heat shrink properties

- Start to shrink at 90°C, and fully recovered at 130°C
- Radial shrink ratio: $\geq 50\%$
- Wall thickness non-uniformity: $\leq 35\%$

Technical Requirements

These products are non-hazardous. Keep in clean, cool, dry, well-ventilated storage area. During transportation and storage, pay attention to rain and sun and keep away from sources of ignition

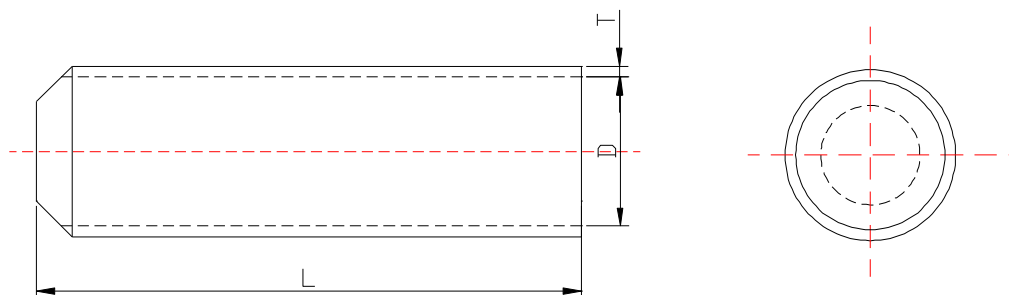
Physical and Chemical Properties

h	u U	o t
u o	°ouU)	U h
-	°ouU)	
u o t ° = ° (°C)	°ouU)	
- t ° = °	°ouU)	
(°C) t k	@#	
) o	@#	t
"	@\	°C

Heat Shrink End Cap



Product Specification



Art. Nr.	As supplied/mm			After recovered/mm	
	Inner diameter	Wall thickness	Height	Inner diameter	Wall thickness
RND 465-01002	≥16	1.1±0.3	70±5	≤8.5	2.5±0.5
RND 465-01003	≥25	1.1±0.3	84±5	≤11	2.5±0.5
RND 465-01004	≥30	1.1±0.3	94±5	≤16	3.0±0.5
RND 465-01005	≥55	1.1±0.3	125±5	≤26	2.5±0.5
RND 465-01006	≥74	1.1±0.3	145±5	≤31	3.0±0.5
RND 465-01007	≥97	1.1±0.3	140±5	≤40	5.0±0.5