



## HEAT SHRINK END CAPS 102L FOR SEALING POWER CABLE ENDS

### KEY FEATURES

- High range taking product line to cover diameters from 4 mm up to 207 mm
- Reliable seal against moisture and environmental contaminants
- Excellent electrical performance with high mechanical strength and impact resistance
- Cross-linked polyolefin material, halogen-free and non-corrosive. RoHS and REACH compliant
- Type tested as live end seal kit according to EN50393:2015
- Unlimited shelf-life

TE's Raychem heat shrink end caps are designed to provide mechanical protection and an environmental seal to power cable ends. Our end caps may also be installed on pipes or poles made of plastic, metal or wood. When the caps are combined in a kit, the product becomes a live end seal kit capable of insulating energized power cables up to 1000 V.

Our Raychem end caps are made of cross-linked polyolefin material that is halogen free and contains  $\geq 2.5\%$  carbon black to protect it from ultra-violet light. It is both REACH and RoHS compliant.

Heat Shrink End Caps 102L are also manufactured with polyamide adhesive coating which melts and flows during the shrinking process creating a reliable moisture seal that is also fungus and weather resistant.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

# Heat Shrink End Caps 102L



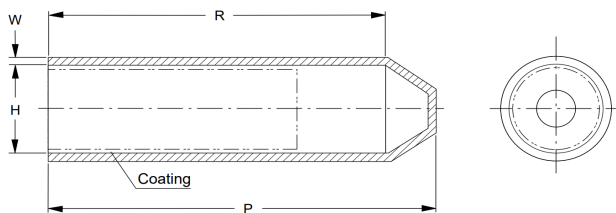
## TECHNICAL INFORMATION

Properties	Standard	Requirements
Tensile Strength	ISO 37	12 MPa min.
Ultimate Elongation	ISO 37	300% min.
Hardness	ISO 868	≥ 45 shore D
Accelerated Ageing 7 Days At 150°C ± 2°C Tensile Strength Ultimate Elongation	ISO 37 ISO 37	12 MPa min. 300% min.
Low Temperature Flexibility	ASTM D 2671 Procedure C	No cracking at 4 hours at -40°C ± 2°C
Dielectric Strength	IEC 60243 part 1 and 2	≥ 10 kV/mm
Water Absorption	ISO 62 method 1	≤ 0.5% max after 24 hours at 23°C ± 2°C
Operating Temperature Range	-	-30°C up to + 85°C
Installation/Shrinking Temperature	-	> 120°C
Shrink Ratio	-	> 2.5 : 1

## PRODUCT SELECTION INFORMATION

Description	Diameter		Length		Wall Thickness
	Expanded H min	Recovered H max	Recovered P min	Recovered R min	Recovered W min
<b>STANDARD VERSIONS</b>					
102L011-R05/S	12	4	44	39	2.3
102L022-R05/S	21.5	7	60	55	3.2
102L033-R05/S	40	15	100	90	3.0
102L044-R05/S	55	25	140	127	3.4
102L048-R05/S	75	32	165	150	3.4
102L055-R05/S	100	45	145	125	3.6
102L066-R05/S	120	60	160	138	4.0
102L077-R05/S	170	80	250	220	4.0
102L088-R05/S	230	120	250	220	4.0
<b>SHORT VERSIONS</b>					
102L011-R07/S	12	4	23	20	2.3
102L022-R08/S	21.5	7	45	40	3.2
102L033-R09/S	40	15	60	50	3.0
<b>LONG VERSIONS</b>					
102L011-R15/S	12	4	59	54	2.3
102L033-R15/S	40	15	180	170	3.0
102L044-R15/S	55	25	180	170	3.4
102L048-R15/S	75	32	200	180	3.2
102L055-R15/S	100	45	220	200	4.0

The standard and long versions (-R05, -R15), are identified with description, diameter and batch number. Short versions with batch number only.



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