



HEAT SHRINK WRAPAROUND SLEEVES CRSM

FOR CABLE JACKET REPAIR

KEY FEATURES

- Fast and easy fitting thanks to the channel which can be installed without special tools
- Reliable closure system and environmental seal with excellent bonding
- Cross-linked polyolefin material, halogen-free and non-corrosive. RoHS and REACH compliant
- Unlimited shelf-life when stored under normal conditions

TE's Raychem CRSM heat shrink wraparound sleeves fit easily onto the cable to repair the outer jacket and seal against moisture. The closure system consists of a raised rail profile and a stainless steel channel which can be installed without any special tools. The hot-melt sealant provides a reliable environmental seal.

Our CRSM wraparound sleeves are mainly used as insulation, sealing or as re-jacketing material for 1000V power cables, as well as cable jacket repair for Medium Voltage power cables. They may also be used as protection on various substrates, where installation space is tight or difficult to reach.

CRSM wraparound sleeves are halogen-free and stabilized against UV radiation, which ensures a long-term reliability in harsh environments. They have an unlimited shelf-life when stored under normal conditions.

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

Heat Shrink Wraparound Sleeves CRSM



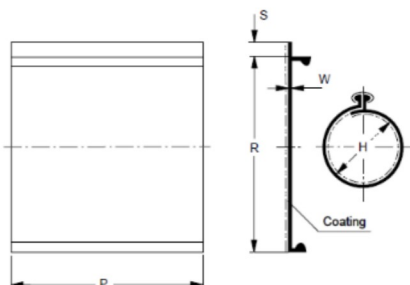
TECHNICAL FEATURES

Physical Characteristics	Test Method	Material Requirements
Tensile Strength	ISO 37	≥ 15 MPa
Ultimate Elongation	ISO 37	≥ 350%
Hardness	ISO 868	≥ 40 Shore D
Low Temperature Flexibility	ASTM D 2671 Procedure C	No cracking at 4 hours at -30°C ± 3°C
Dielectric Strength	IEC 60684-2	≥ 12 kV/mm
Volume Resistivity	IEC 62631-3-2	≥ 1 x 10 ¹² Ohm cm
Water Absorption	ISO 62 method 1	≤ 0.5% max after 14 days at 23°C ± 2°C
Corrosion	ASTM D2671 Part A	No corrosion after 16h at 150°C ± 2°C
UV Resistance	The material from which CRSM is manufactured contains carbon black (≥ 2,5 %) to protect it from ultra-violet light	
Accelerated aging 7 days at 150°C ± 2°C		
Tensile Strength	ISO 37	≥ 10 MPa
Ultimate Elongation	ISO 37	≥ 350%
Chemical Characteristics		
Resistance to Liquids	-	-
Tensile Strength	ISO 37	≥ 14 MPa
Ultimate Elongation	ISO 37	≥ 350%
Application Characteristics		
Operating Temperature Range	-	- 30°C up to + 85°C
Shrink Ratio	-	> 3:1
Longitudinal Shrinkage Free Recovered	-	- 10% max

PRODUCT SELECTION INFORMATION - DIMENSIONS ARE IN (mm)

Description	Application Range		Diameter H		Thickness W	
	min	max	Expanded min	Recovered max	Expanded min	Recovered min
CRSM 34/10	11	27	34	10	0.3	2.4
CRSM 53/13	15	43	53	13	0.3	2.4
CRSM 84/20	22	68	84	20	0.3	2.4
CRSM 107/29	32	86	107	29	0.3	2.4
CRSM 143/36	40	115	143	36	0.3	2.4
CRSM 198/55	60	160	198	55	0.3	2.4

All sizes are available in the standard lengths P 250, 500, 750, 1000, 1200 and 1500 mm. All lengths are subject to standard cutting tolerances. TE's Raychem CRSM wraparound sleeves are available coated with an inner sealant wall.



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