

CABLE REPAIR AND TAPE

R1 Wraparound Heat Shrink Cable Repair Sleeve

A rail and channel closure sleeve that repairs a damaged cable jacket without cutting the cable or removing the terminations



Operating Temperature	-25 to 90 °C
Full Recovery Temperature	135 °C minimum
Standard Length	Up to 1.5 m
Closure	Rail and channel with metal zipper
Standard Colour	Black
Cross Reference	TE Raychem CRSM

Introduction

Cross-linked semirigid polyolefin outer layer provides abrasion and corrosion resistance. Pre-coated adhesive inner layer provides waterproof sealing protection. Rail and channel closure design, suitable for quick repair of damaged power cable in irregular shapes and sizes.

Features

- Operating temperature: -25 to 90°C
- Minimum fully recovery temperature: 135°C
- Standard Length: ≤1.5m
- Standard Color: Black

Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥14 MPa
Ultimate Elongation	ASTM D2671	≥300%
Heat Aging (150°C/168h) Tensile Strength Ultimate Elongation	ASTM D2671	≥12 MPa ≥200%
Water absorption (23°C/24h)	ASTM D2671	≤0.5%
Low-temperature flexibility (-25°C/4h)	ASTM D2671	No cracking
Heat shock (200°C/4h)	ASTM D2671	No cracking, dripping or flowing
Dielectric strength	ASTM D2671	≥15 kV/mm
Volume resistivity	ASTM D2671	≥1.0×10 ¹³ Ω·cm
Dielectric constant	IEC 250	≤5.0
Fungus Resistance	ASTM G21	Non-growth

Dimensions

Part NO.	Application diameter (mm) Maximum	Minimum
R1-34/8	25	9
R1-42/10	32	12
R1-53/13	40	15
R1-62/22	47	25
R1-75/20	56	23

Part NO.	Application diameter (mm) Maximum	Minimum
R1-85/25	65	30
R1-93/25	70	30
R1-105/30	80	35
R1-122/30	92	35
R1-135/34	102	40
R1-146/38	110	44
R1-164/42	123	48
R1-175/50	132	58
R1-200/55	150	63
R1-210/65	160	75
R1-230/80	175	92
R1-260/100	195	115

Cross Reference

Tyco-Raychem: CRSM

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