

Heat shrinkable cable repair sleeve

Adhesive-lined, heat shrinkable wraparound sleeve with a flexible stainless steel locking channel; used for general re-jacketing and sealing applications, protection of damaged cable or as outer jacket on XLPE copper telecom cable joints from 10 pair to 2000 pair cable.

Features and Benefits

- Provides water tight seal upon recovery
- Excellent mechanical strength
- Application procedure is quick, simple and clean
- Thermochromatic paint that changes color upon correct shrink temperature available on request
- Sleeve can be cut to suit shorter application requirements
- Stainless steel channel provides permanent closure system
- Reinforced version available for high impact requirements or special direct burial installations
- Easy to install in situ over live cable without cutting the cable or shutting down power
- Shrink ratio: 5:1
- Continuous operating temperature: -35°C to 100°C

- Shrink temperature: 120°C min.

Typical Applications

- Electrical insulation of in-line splices
- Cable jacket repair
- Re-jacketing cover for power cables



5:1

Shrink ratio

-35°C to 100°C
(-31°F to 212°F)

**Continuous
operating
temperature**

Markets:

Civil Construction Projects, Industrial, Power Distribution, Utility

Standards:



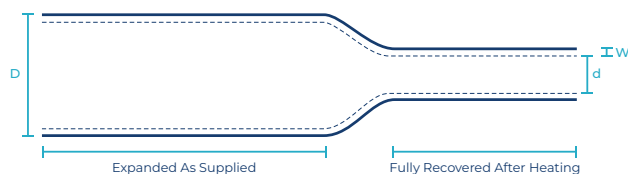
ORDER NUMBER	EXPANDED	RECOVERED		DELIVERY UNITS
	INTERNAL DIAMETER (MIN) D	INTERNAL DIAMETER (MAX) d	TOTAL WALL THICKNESS (NOM) W	LENGTHS
	mm (in)	mm (in)	mm (in)	1 m (39 in)
50/10	50.0 (1.969)	10.0 (0.394)	2.30 (0.091)	10
75/15	75.0 (2.953)	15.0 (0.591)	2.40 (0.094)	10
105/30	105.0 (4.134)	30.0 (1.181)	2.40 (0.094)	10
137/34	137.0 (5.394)	34.0 (1.339)	2.50 (0.098)	5
160/42	160.0 (6.299)	42.0 (1.654)	2.50 (0.098)	5
200/48	200.0 (7.874)	48.0 (1.890)	2.70 (0.106)	5
240/65	240.0 (9.449)	65.0 (2.559)	2.90 (0.114)	5

Ordering

Select a dimension which will shrink snugly over the application to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

- Select options:
 - Color: Black (BK)
- Please specify the product name, order number and options you require
- Example: CCRDW, 105/30, black, 1,000 pcs

Please contact your Customer Service Representative for information on custom colors, sizes, lengths and material data sheet.



We advise that customers should separately evaluate the suitability of our products for their particular application. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. Please ask for the latest version of this data sheet. Subject to modification without prior notice.

For further information, please contact:

Americas: 800 422 6872
Canada: 800 845 6808

Asia Pacific: +86 512 82280099
Europe: +49 2226 9047 355

Technical data

PROPERTY	CURRENT VALUES	TEST METHODS
MATERIAL		
Material	PE, modified; lead and cadmium free	n/a
Surface	matt	n/a
Specific gravity	1.06 +- 0.05 g/cm ³	IEC 60684-2
Shore D hardness	> 60	IEC 60684-2
Longitudinal shrinkage	10% max.	IEC 60684-2
Shrink ratio	5:1	IEC 60684-2
MECHANICAL		
Tensile strength	> 15.5 MPa	IEC 60684-2
Elongation	200%	IEC 60684-2
THERMAL		
Tensile strength after thermal ageing (168 hrs at 150°C)	12.5 MPa	IEC 60684-2
Elongation after thermal ageing (168 hrs at 150°C)	150%	IEC 60684-2
Carbon black content for UV resistance	2.5% min	IEC 60684-2
Cold bend test	does not break at -40°C	IEC 60684-2
Shrink temperature	120°C	n/a
Storage temperature	50°C max.	n/a
Continuous operating temperature	-35°C to 100°C	IEC 60684-2
CHEMICAL		
Fluid resistance - Tensile strength	> 12 N/mm ²	IEC 60684-2
Fluid resistance - Elongation	> 150 %	IEC 60684-2
Water absorption of the adhesive	< 0.1 %	IEC 60684-2
Fungus resistance	growth rate < 1	IEC 60684-2
ELECTRICAL		
Dielectric strength	> 12 kV/mm	IEC 60684-2
PROPERTIES OF ADHESIVE: HOTMELT EVA		
Softening point	100°C	ISO 11357-3
Low temperature flexibility	-20°C	IEC 60684-2
Corrosion	non-corrosive	IEC 60684-2

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