



# HDCW

## Heat Shrinkable Wraparound Sleeve Kits

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### 1. Product Description

Heat Shrink Wraparound Sleeves are mainly used for repairing outer/inner sheath of the cables. These sleeves providing corrosion protection to the metallic parts of the cables that are exposed to polluted environment.

### 2. Technical Information

The Wraparound Sleeves are made from thermally stabilised cross-linked weather resistant polymeric material. The sleeves are internally coated with Hot Melt Adhesive. The outer surface has thermochromic paint, which changes the colour after reaching the right Heat Shrink Temperature. The materials used are halogen free.

### 3. Typical Properties

Characteristics	Value	Test Method
<b>Physical Properties</b>		
Tensile strength	17,5 N/mm <sup>2</sup>	ISO R-527
Ultimate elongation	300 %	ISO R-527
Water absorption in 24h	0.1 %	ASTM D570
Torchability	No split	TE 201 AOL
ECSR 48 hrs at 50°C	No cracks	ASTM D-1693
Shrink temperature	120 °C (min)	IEC-216
Maximum operating temperature	90 °C	DIN 53466
<b>Thermal Aeging Tests 120°C 500 hrs</b>		
Tensile Strength	15N /sqmm	ISO R-527
Ultimate elongation	200%	ISO R-527
<b>Electrical Properties</b>		
Dielectrical Strength	12 kV/mm	ASTM D-149
Volume resistivity	1 x 10 <sup>12</sup> Ohm-cm (min)	ASTM D-257
<b>Chemical Properties</b>		
Chemical resistance in immersion in following liquids 0.1N sol. of NaSo, NaCl, NaOH(40%), H'SO(3%) for 24 hrs at room temperature	Good (No visual defects)	ISO 175
Tensile Strength	15 N/sqmm	ISO 175
Ultimate elongation	200%	ISO 175
<b>Temperature indicating paint colour conversion</b>		
150°C for 30 minute	No change	Visual
250°C for 5 minute	Colour change	Visual

The above figures are average values, established to our best knowledge, but not to be used for specification purpose.

### 4. User Information

#### 4.1 Selection Guide

Kit Reference	Standard Length mm	Sleeve Diameter	
		Recovered (max) mm	Supplied (min) mm
HDCW 35/10	250, 500, 750, 1000, 1200	10	35
HDCW 55/15	250, 500, 750, 1000, 1200	15	55
HDCW 80/25	250, 500, 750, 1000, 1200	25	80
HDCW 110/30	250, 500, 750, 1000, 1200	30	110
HDCW 140/40	250, 500, 750, 1000, 1200	40	140

## 4.2 Shelf Life and Storage

This product has a 5-year shelf life from date of manufacture when stored in a humidity controlled area (10 °C to 27 °C and <75 % relative humidity).

## 5. Additional Information

To request additional product information, see address below.

### ***Important Notice***

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Values presented have been determined by standard test methods and are average values not meant to be used for specification purposes.

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3M Deutschland GmbH  
Carl-Schurz-Str.1  
41453 Neuss  
Germany

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