

WRAPAROUND REPAIR SLEEVE / AWAS-G

Electrical Insulating Heat Shrink Sleeve / ThermoChromic Paint



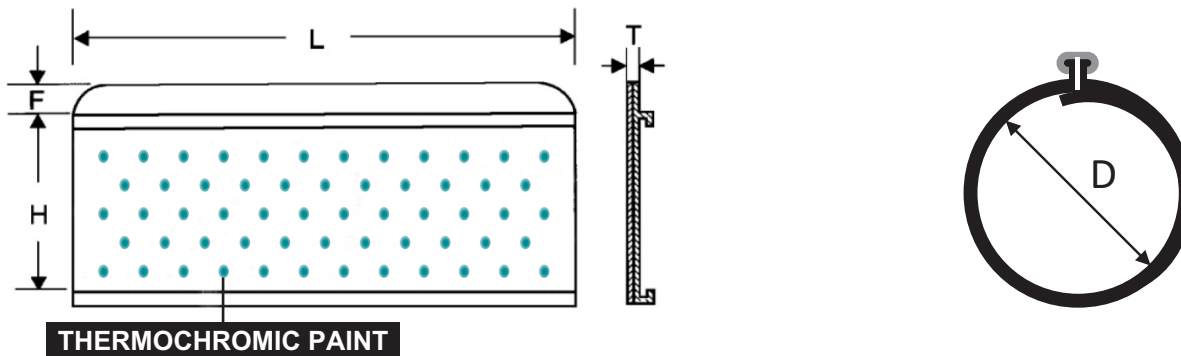
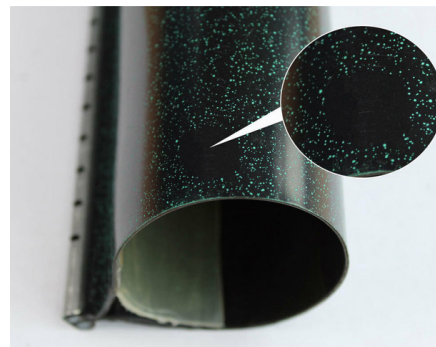
AWAS-G

Wraparound Repair Sleeve / ThermoChromic Paint

KACAB Heat Shrinkable Wrap-Around Sleeves are mainly used for repairing outer/inner sheath of cables. These sleeves are also used for providing corrosion protection to the metallic parts of the cables that are exposed to polluted environment and for making telecommunication cable joints.

The Wrap-Around Sleeves are made from thermally stabilised, cross linked, weather resistant, polymeric material and is halogen free.

The Sleeves are coated internally with hot melt adhesive. The outer surface of the sleeves have thermoChromic paint.



*Drawing depicts typical dimensions (Dimensions are all in mm)

L – Length as per requirement and Maximum 1500mm | Te – Total Expanded Thickness of Sleeve with Adhesive | Tr – Total recovered thickness of sleeve and adhesive

PRODUCT DIMENSIONS – AWAS-G Series				
CODE	H	F	Te	Tr
	mm	mm (min)	mm (min)	
AWAS-G 43/08	145 ± 5	20	1.2	2.0
AWAS-G 52/10	175 ± 5	20	1.2	2.0
AWAS-G 76/22	260 ± 10	20	1.2	2.0
AWAS-G 100/30	350 ± 10	30	1.2	2.0
AWAS-G 139/38	460 ± 10	30	1.2	2.0
AWAS-G 185/55	576 ± 10	30	1.2	2.0
AWAS-G 210/55	630 ± 10	30	1.2	2.0

MATERIAL SPECIFICATIONS		
CHARACTERISTIC	VALUE	TEST METHOD
Physical Properties		
Tensile Strength	17.5 N/sqmm (min)	ISO R - 527
Ultimate Elongation	300% (min)	ISO R - 527
Water Absorption	0.1% (max)	ASTM D – 570
Torchability	No Split	TE 201 AOL
ESCR 48 Hours at 50°C	No Cracks	ASTM D - 1693
Thermal Ageing Tests (120°C for 500 hours)		
Tensile Strength	15 N/sqmm (min)	ISO R - 527
Ultimate Elongation	200% (min)	ISO R - 527
Electrical Properties		
Dielectric Strength	12 kV/mm (min)	ASTM D-149
Chemical Properties		
Chemical resistance immersion in following liquids 0.1 N sol. Of Na ₂ SO ₄ , NaCl, NaOH (40%), H ₂ SO ₄ (3%), for 24 hrs at room temp.	Good (No visual defects)	ISO - 175
Tensile Strength	15 N/sqmm (min)	ISO - 175
Ultimate Elongation	200% (min)	ISO -175
Temperature Indicating Paint Colour Conversion		
150°C for 30 Minutes	No Change	Visual
250°C for 5 Minutes	Colour Change	Visual

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. KACAB shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.