

RWRS

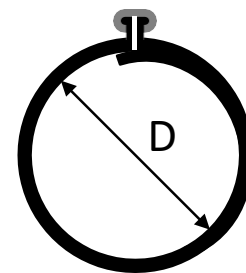
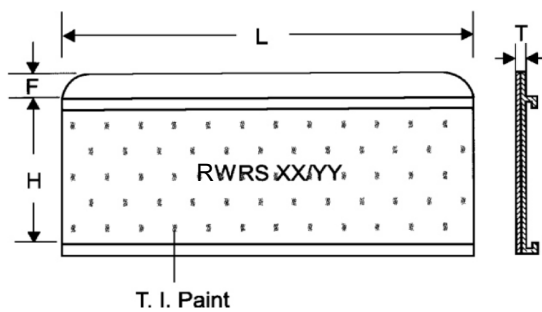
REPL RWRS Heat Shrinkable Wrap-Around Sleeves are mainly used for repairing outer/inner sheath of cables.

These sleeves are also used for providing corrosion protection to the metallic screens of cables that are exposed to polluted environment and for telecommunication cable joints outer protection

The Wrap-Around Sleeve is made from a thermally stabilised, cross linked, weather resistant, polymeric material. The Sleeves are coated internally with hot melt adhesive to ensure moisture tight sealing.

The sleeve is held whilst shrinking with a stainless steel rail system.

The outer surface of the sleeves have the option of being coated with thermos-chromatic 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 – RWRS Series				
CODE	H	F	Te	Tr
	mm	mm (min)	mm (min)	
RWRS 43/08	145 ± 5	20	1.2	2.0
RWRS 52/10	175 ± 5	20	1.2	2.0
RWRS 82/22	260 ± 10	20	1.2	2.0
RWRS 100/30	350 ± 10	30	1.2	2.0
RWRS 139/38	460 ± 10	30	1.2	2.0
RWRS 185/55	576 ± 10	30	1.2	2.0
RWRS 210/55	630 ± 10	30	1.2	2.0

APPLICATION RANGE	
CODE	DIAMETER (mm)
RWRS 43/08	12 – 25
RWRS 52/10	15 – 35
RWRS 82/22	20 – 50
RWRS 100/30	30 – 70
RWRS 139/38	40 – 90
RWRS 185/55	60 – 120
RWRS 210/55	80 – 150

MATERIAL SPECIFICATIONS		
CHARACTERISTIC	VALUE	TEST METHOD
Physical Properties		
Tensile Strength	17.5 N/sqmm (min)	ISO 37 / ASTM D-412
Ultimate Elongation	300% (min)	ISO 37 / ASTM D-412
Water Absorption	0.1% (max)	ISO 62 Method 1
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 SO, NaCl, NaOH (40%), H'SO(3%), for 24 hrs at room temp.	Good (No visual defects)	ISO - 175
Tensile Strength	15 MPa	ISO 37 / ASTM D-412
Ultimate Elongation	200% (min)	ISO 37 / ASTM D-412
Temperature Indicating Paint Colour Conversion		
150°C for 30 Minutes	No Change	Visual
250°C for 5 Minutes	Colour Change	Visual

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