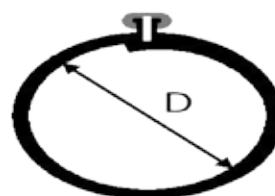
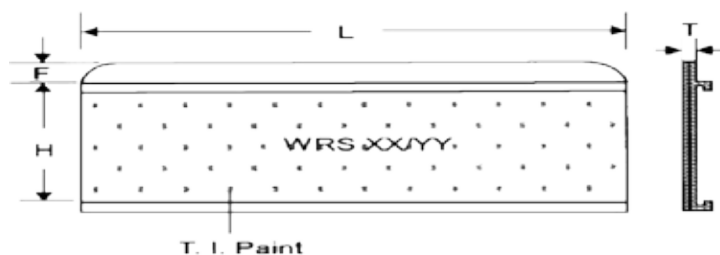




## Insulation Enhancement Systems

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 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.

L = Length as per requirement and max.1500mm  
 Te = Total expanded thickness of sleeve with adhesive  
 Tr = Total recovered thickness of sleeve with adhesive



Material Specifications		
Characteristic	Value	Test Method
Physical Properties		
Tensile Strength	17.5 N/sq.mm (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/sq.mm (min.)	ISO R-527
Ultimate Elongation	200% (min.)	ISO R-527
Electrical Properties		
Dielectrc Strength	12 KV/mm (min)	ASTM D-149
Chemical Properties		
Chemical resistance immersion in following liquids 0.1N sol. Of NaSO, NaCl, NaOH (40%), HSO(3%), for 24 Hours at room temp.	Good ( no viual defects )	ISO-175
Tensile Strength	15 N/sq.mm (min.)	ISO-175
Ultimate Elongation	200% (min.)	ISO-175
Temperature Indicating Paint Color Conversion		
150°C for 30 Minutes	No change	Visual
250°C for 5 Minutes	Color change	Visual

Code	Diam-eter	H	F	Te	Tr
	mm	mm	mm(min.)		
WRS 43/08	12-25	145±5	20	1.2	2.0
WRS 52/10	15-35	175±5	20	1.2	2.0
WRS 76/22	20-50	260±10	20	1.2	2.0
WRS 100/30	30-70	350±10	30	1.2	2.0
WRS 139/38	40-90	460±10	30	1.2	2.0
WRS 185/55	60-120	576±10	30	1.2	2.0
WRS 210/55	80-150	630±10	30	1.2	2.0