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Electronics

Energy Division

SSRK Heat-shrinkable wraparound for low voltage cable sheath repair

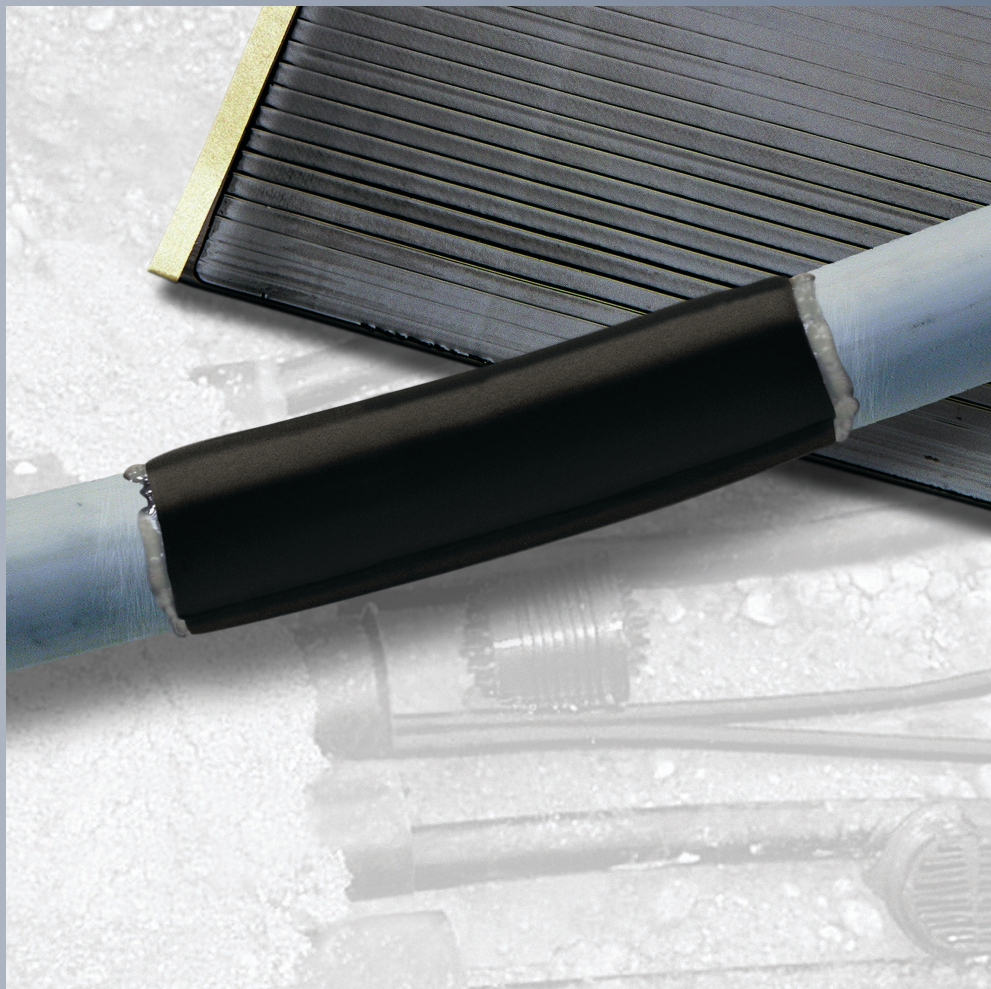
SSRK wraparounds provide a fast and permanent method for repairing and sealing minor damage in cable oversheaths.

SSRK combines the ease of installation of self adhesive tapes with the superior sealing and insulation capabilities of heat-shrinkable sleeves. The range taking repair sleeve is simply wrapped around the damaged area.

A moisture-proof, insulating and tight-fitting repair is then obtained in one step by heating with a gas torch, which makes the wraparound shrink down tightly to the cable and the adhesive coating melt and flow into interstices. The adhesive exhibits excellent bonding and sealing characteristics to all common insulation materials such as XLPE, PE, EPR and PVC, and also to metals including copper and steel.

SSRK is available in two widths and several lengths to cover a wide range of applications.

Another typical application is the repair of insulated overhead lines (ABC cables).



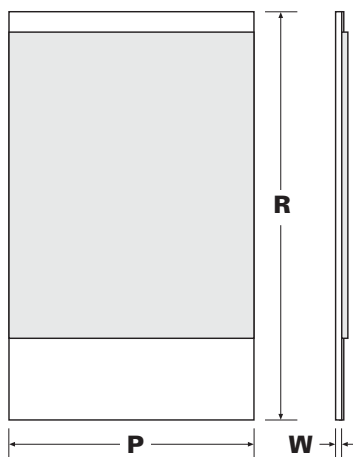
Raychem

Test	Test Method	Requirement
Tensile Strength	ISO 37	17 MPa min.
Ultimate Elongation	ISO 37	350% min.
Density	ISO 1183	1.0+/-0.05 g/cm ³
Hardness	ISO 868	(40-50) Shore D
Accelerated Ageing 168 h at (150±2)°C		
– Tensile Strength	ISO 37	12 MPa min.
– Ultimate Elongation	ISO 37	200% min.
Low Temperature Flexibility		
4 h at -(40±3)°C	ASTM D2671 Procedure C	No cracking
Dielectric Strength 1 mm wall	IEC 60243	200 kV/cm min.
Volume Resistivity	IEC 60093	1×10 ¹² Ω cm min.
Water Absorption 168 h at (23±2)°C	ISO 62	0.2% max.
Weathering	The material from which SSRK is manufactured, contains carbon black to protect it from ultra-violet radiation.	
Additional Properties	Adhesive characteristics are detailed in Raychem Specification PPS 3012/80 (hot melt adhesive).	
	Further details are given in Raychem specification PPS 3010/45 (material).	

SSRK Ordering Information

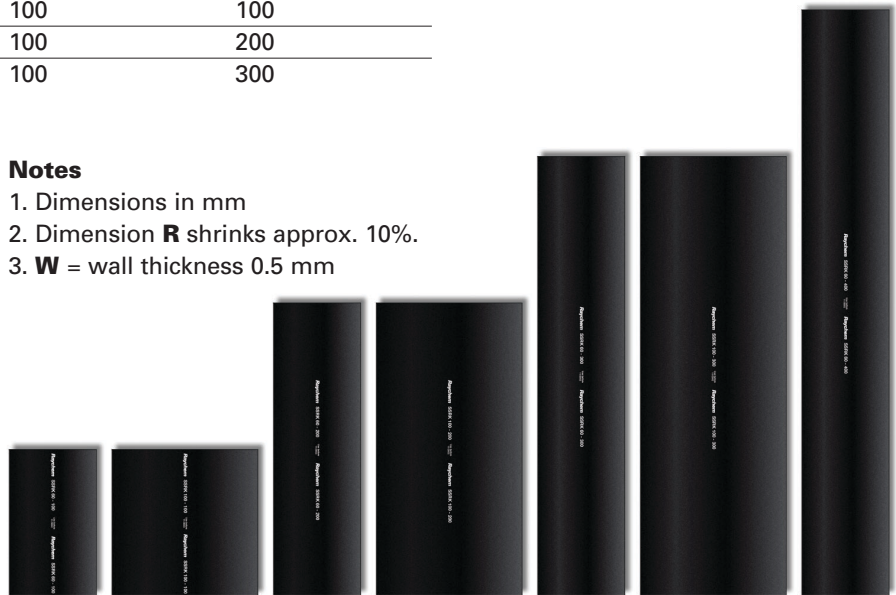
Dimensions

Product/Size	Diameter Range	P +1/-0	R ±6
SSRK- 60-100	10- 20	60	100
SSRK- 60-200	20- 50	60	200
SSRK- 60-300	40- 75	60	300
SSRK- 60-400	50-100	60	400
SSRK-100-100	10- 20	100	100
SSRK-100-200	20- 50	100	200
SSRK-100-300	40- 75	100	300



Notes

1. Dimensions in mm
2. Dimension **R** shrinks approx. 10%.
3. **W** = wall thickness 0.5 mm



All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale.

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