



## Heat-shrinkable wraparound system for rubber sheathed cable repair

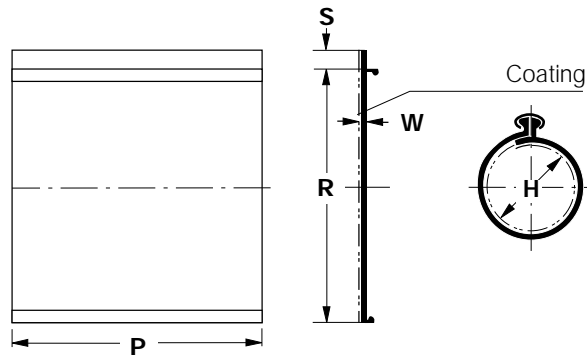
Raychem MRSM wraparounds are a fast, versatile and permanent repair for damaged flexible cable oversheaths. Since they are heat-shrinkable, several cable sizes and types can be repaired by any one size of MRSM wraparound. This one-step installation method ensures a tight, moisture-proof and insulating seal which is reliable and repeatable. Each wraparound is supplied complete with precise instructions for use.

High abrasion resistance, flexibility and insulating properties are combined in the tough modified polyolefin material from which MRSM wraparounds are made. Quickly fitted in place by means of its rail and channel closure, heating above 125°C causes the repair sleeve to shrink in diameter to fit the cable. At the same time the adhesive liner melts and seals against fluids and dirt, thus completing the job.

MRSM Properties	Test Method	Typical Data
Tensile Strength	ISO 37	18 MPa
Ultimate Elongation	ISO 37	500 %
Specific Gravity	ISO/R 1183 Method A	1.2 g/cm <sup>3</sup>
Hardness	ISO 868	40 D
Secant Modulus	ISO/R 1184	50 MPa at 2 % strain at 23 °C±2 °C
Thermal Endurance*	IEC 216	140°C
Low Temperature Flexibility 4 hours at -40°C	ASTM D2671 Procedure C	No cracking
Electric Strength	IEC 243	150 kV/cm
Volume Resistivity	IEC 93	1x10 <sup>14</sup> Ω cm
Flammability	ASTM D635	Non-burning
Water Absorption	ISO 62 Method 1	0.01% at 23°C ±2°C after 14 days
Weathering	The material from which MRSM is manufactured contains carbon black to protect it from ultra-violet light.	

\*based on ultimate elongation

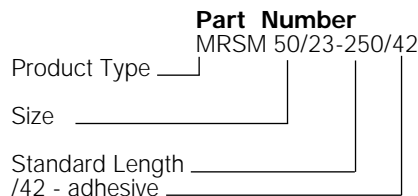
Dimensions



Product/Size	Application Range (diameter)	H		R		S	W		P
		a min	b max	a min	b max	a ±4	a min	b min	
MRSM 50/23	25 - 40	50	23	159	72	25	0,8	1,8	250/600
MRSM 73/38	40 - 58	73	38	230	119	25	0,5	1,8	300/600/750
MRSM100/51	58 - 89	100	51	320	161	25	0,5	1,8	600/750/1000

**Notes:** 1. Dimensions in millimeters  
a = as supplied  
b = after free recovery  
2. Max. longitudinal change after free recovery: ±10 %

Ordering Example



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