



## Raychem Heat-shrinkable Wraparound System MRSW for Rubber Sheathed Cable Repair

Raychem wraparounds MRSW 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 Raychem MRSW 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 Raychem wraparounds MRSW 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.

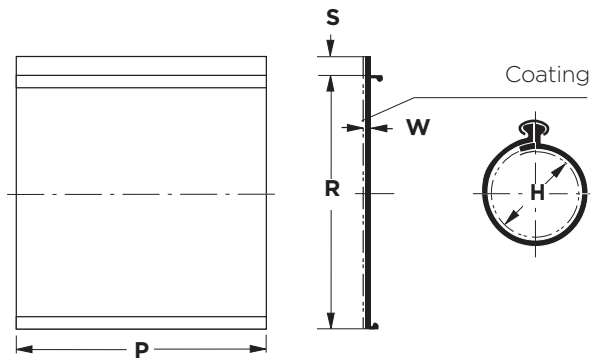
**Raychem**  
from TE Connectivity

# Raychem MRSM Properties and Ordering Information

Raychem MRSM Properties	Test Method	Typical Data
<b>Tensile Strength</b>	ISO 37	12 MPa min.
<b>Ultimate Elongation</b>	ISO 37	350 % min.
<b>Density</b>	ISO/R 1183 Method A	1.1 - 1.3 g/cm <sup>3</sup>
<b>Hardness</b>	ISO 868	30 - 50 D
<b>Thermal Endurance*</b>	IEC 60216	105°C min.
<b>Low Temperature Flexibility</b>	4 hours at -40°C ±3°C ASTM D2671 Procedure C	No cracking
<b>Dielectric Strength</b>	IEC 60243	130 kV/cm min.
<b>Volume Resistivity</b>	IEC 60093	1x10 <sup>14</sup> Ω cm min.
<b>Flammability</b>	ICEA-S-19-81	Self extinguishing after 60 sec max.
<b>Water Absorption</b>	ISO 62 Method 1	0.5% at 23°C ±2°C after 14 days max.
<b>Weathering</b>	The material from which Raychem MRSM is manufactured contains carbon black to protect it from ultra-violet light.	

\*based on ultimate elongation

## Dimensions



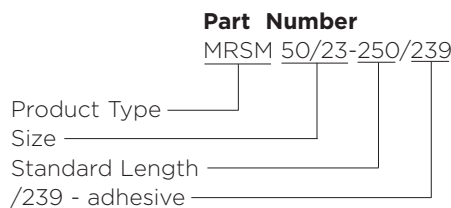
Product/Size	Application Range (diameter)	H		R		S	W		P
		a	b	a	b		a	b	
MRSM 50/23	25 - 40	50	23	159	72	25	0.8	1.8	250/600
MRSM 73/38	40 - 58	73	38	230	119	25	0.5	1.8	300/600/750
MRSM100/51	58 - 89	100	51	320	161	25	0.5	1.8	250/600/750

**Notes:** 1. Dimensions in millimeters  
 a = as supplied  
 b = after free recovery

2. Max. longitudinal change after free recovery: ±10 %

3. Other lengths and sizes on request

## Ordering Example



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