



Raychem Heat-shrinkable Wraparound System MRSM for Rubber Sheathed Cable Repair

Raychem wraparounds MRSM 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 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 Raychem wraparounds MRSM 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.

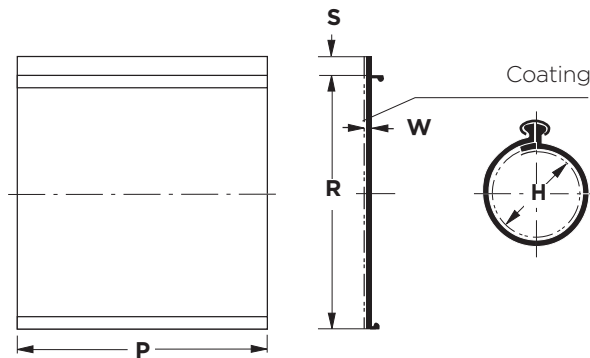
Raychem
from TE Connectivity

Raychem MRSM Properties and Ordering Information

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

*based on ultimate elongation

Dimensions



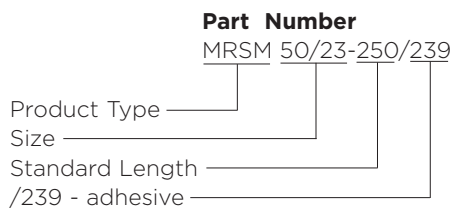
Product/Size	Application Range (diameter)	H		R		S	W		P
		a min	b max	a min	b max		a min	b min	
MRSM 50/23	25 - 40	50	23	159	72	25	0.8	1.8	250/600
MRSM 73/38	40 - 58	73	38	230	119	25	0.5	1.8	300/600/750
MRSM100/51	58 - 89	100	51	320	161	25	0.5	1.8	250/600/750

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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