

SHINE INDUSTRIES

EPR SELF AMALGAMATING TAPES

Self-amalgamating tapes are non-tacky tapes made out of ethylene propylene rubber which when stretched and wrapped around cables, electrical joints, hoses and pipes combines or unites itself into a strong, seamless, rubbery, waterproof, and electrically insulating layer. Unlike many other polymers and fibers, it is heat-sunlight and weather-resistant. Self-amalgamating tapes come with a protective liner interleave which is easy to remove and the material does not snap on extended elongation. EPR tapes stands out from the competition as one of the easiest to work with, excellent performance and the essential addition to every toolbox.

Features:

- Wide range of service temperatures
- Easily removable without residue
- Resistance to ozone, UV and water
- Compatible with most cable insulation types
- Rapid amalgamation
- Void free wrapping
- Highly stable



Ordering Reference:

Product Code	Tape Width (mm)	Thickness (mm)	Standard Packing (m/roll)
SI-EPR19	19	0.76	9.1
SI-EPR38	38	0.76	9.1

Technical Data:

Sr. No.	Properties	Recorded Value	Standard Use
1	Tensile Strength	1.72 (MPA)(min.)	ASTM D 638
2	Ultimate Elongation	800% (Min.)	ASTM D 638
3	Water Absorption (23°C for 168 Hrs)	0.5 % (max.)	ASTM D570
5	Continuous Temperature limit	-40°C to + 90°C	IEC 216
6	Dielectric Strength	31 KV/mm. (Min.)	ASTM D149
7	Volume Resistivity	1 x 10 ¹³ Ohm.cm	ASTM D257
8	Dielectric Constant	5 (Max.)	ASTM D150
9	Low Temperature (-40° C for 4Hrs)	No Cracking	ASTM D 2671
10	UV Resistance	Pass	ASTM G 154