

Whether insulating, waterproofing, protecting, jointing or repairing, Scapa offers the solution.

Polyisobutylene (PIB) products with superior amalgamation and ethylene propylene rubber (EPR) products with high temperature resistance ensure Scapa has a suitable general purpose or specialist tape available – whatever the demand:

- jointing, terminating and repairing power cables
- watertight sealing of telecommunications cables
- insulating, waterproofing and protecting electrical components
- electrical insulation of power cables
- corrosion protection of metal pipework
- protecting joints against seawater in marine applications
- DIY applications eg handle wrapping, pipe repair.



Scapa self-amalgamating tapes offer:

- non-tacky, clean and easy application
- rapid self-amalgamation when applied under tension
- void-free, homogenous insulation without the need for heat or pressure
- clean removability from most surfaces for temporary protection and repair
- non-hardening – preventing cracking or water ingress
- long life-span
- excellent physical and electrical properties with a high degree of stability
- exceptional resistance to ozone and prolonged immersion in water.

Fully compatible with other Scapa electrical tapes, the self-amalgamating range is a useful addition to every toolbox.

To complement the self-amalgamating portfolio, Scapa also manufactures a range of easy-to-handle, non-hardening putties in tape form.

With excellent electrical properties and ozone, water and corrosion resistance, they can be used over a wide range of temperatures.



Scapa self-amalgamating solutions

Product	Description	Thickness (mm)	Temperature resistance	Dielectric strength (kV/mm)	Additional information
2501	PIB self-amalgamating tape	0.5	-40 to 90°C	40	Superior amalgamation and good electrical properties for general purpose applications: <ul style="list-style-type: none"> ○ corrosion protection ○ joint sealing ○ waterproof sealing ○ electrical insulation ○ pipe repair.
2504	PIB self-amalgamating tape	0.75	-40 to 90°C	40	
2513	EPR self-amalgamating tape	0.3	-40 to 100°C	36	High voltage applications. Excellent electrical properties. Relatively thin product for void-free insulation.
2515	EPR self-amalgamating tape	0.5	-40 to 100°C	36	High voltage applications. Excellent electrical properties.
2517	EPR self-amalgamating tape	0.75	-40 to 100°C	36	High voltage applications. Excellent electrical properties.
2525	EPR semi-conducting self-amalgamating tape	0.75	-40 to 130°C	–	For smoothing electrical stresses. Specified to EDF HN-26-S-04. High temperature performance.
2527	High permittivity stress control tape	1.0	-40 to 100°C	–	Good conformability. Excellent electrical properties. High temperature performance.
2547	EPR high temperature self-amalgamating tape	0.75	-40 to 100°C	41	Cross-linked polyethylene cable applications with high overload temperatures. Specified to EDF HN-26-S-04.

Putties

2561	Electrical sealing compound	3.0	-40 to 90°C	16	<ul style="list-style-type: none"> ○ Easy to handle and apply ○ Excellent adhesion to surfaces such as glass, metal and rubber ○ Ideal for filling voids and irregular shapes.
2571	Electrical sealing putty	3.0	-40 to 90°C	16	
2572	Electrical sealing putty	1.0	-40 to 90°C	16	
2573	Electrical sealing putty	2.0	-40 to 90°C	16	
2575	Electrical sealing putty	1.0	-40 to 90°C	20	

All self-amalgamating tapes are black, except Scapa 2515 – also available in white.



For further information, please contact your local distributor or Scapa customer support:

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