



## Scapa Cable Components and Tapes

...make the perfect splice

Scapa has provided cable wrapping tapes to the industry for over 100 years and is a market leader in the cable components field. Our putties, resins, tapes and impregnated papers are used across the world for the splicing, termination and repair of LV and MV power cables as well as many other telecommunication applications.

Many of our products have been developed in partnership with key market leaders, and our solutions offer reliability, ease of use and long term protection for a broad range of installations and repairs.

Customers all over the world choose Scapa components and tapes to be included in their splicing kits because they are uniquely developed to suit any field application.

## A closer look at the Scapa components and tapes range...

### Sealing Putties

Scapa has a range of self-fusing sealing putties which are non-tacky and easy to handle and apply. Putties are ideal for sealing voids and irregular shapes in joints and terminations, while also used for their waterproofing properties and the prevention of leaks into cable splices. A wide range of different thicknesses and hardness levels are available to suit every application.

Product	Thickness (mm)	Tensile strength (Mpa)	Volume resistivity (ohm.m)	Dielectric strength (kV/mm)	Operating Temp. °C	Material
<b>30</b>	3.2	0.1	1 x 10 <sup>12</sup>	23	-30°C to 80°C	Butyl rubber
<b>31</b>	2					
<b>34</b>	3	0.04		25	-30°C to 90°C	
<b>35</b>						
<b>36</b>	1.2 or 3	-	15	-30°C to 80°C		
<b>2573</b>	2	0.2	5 x 10 <sup>12</sup>		16	

### Protective Resins

Scapa is an experienced manufacturer and supplier of epoxy and polyurethane resins to cable kit providers across the world, working closely with many of the key market leaders in this field. Our resins protect against humidity, offer mechanical protection of MV splices and deliver electrical insulation of LV joints. Both Scapa resins conform to UTE Standard C 33-010.

Product	Shore A hardness	Pot life (100g at 25°C Air)	Impact strength (kJ/m <sup>2</sup> )	Volume resistivity (ohm.m)	Dielectric strength (kV/mm)	Material
<b>41</b>	95	25 mins	-	11 x 10 <sup>12</sup>	25	Epoxyde
<b>46</b>	70		27		23	Polyurethane

# Electrical Stress Control Products

Scapa PVC electrical tapes are reliably strong, flexible and conformable, while also easy to use in the most demanding of applications. Whether you are insulating, splicing, identifying, binding, waterproofing, repairing, sealing or marking, Scapa has the right electrical tape for your specific cable application.

Product	Thickness (mm)	Tensile strength (Mpa)	Elongation at break (%)	Volume resistivity (ohm.m)	Dielectric strength (kV/mm)	Operating Temp. °C	Dielectric constant	Dielectric loss angle	Material
<b>85</b>	1.2	-	-	-	4	-40°C to 90°C	10	0.04	Putty
<b>2527</b>	1	2	1000	1 x 10 <sup>11</sup>	-	-40°C to 100°C		0.03	

## PVC Electrical Tapes

Scapa PVC electrical tapes are strong, flexible and conformable, combining ease-of-use with reliability. Whether you're insulating, splicing, identifying, binding, waterproofing, repairing, sealing or marking, Scapa has the right electrical tape for your specific cable application.

Product	Thickness (mm)	Tensile strength (Mpa)	Adhesion to steel (N/cm)	Applications
<b>2702</b>	0.13	25	1.8	Primary electrical insulation; Protection for LV and MV; Cable splices; Color coding.
<b>2705</b>	0.2	35		Insulation and harnessing; Primary electrical insulation; Protection for LV and MV cable splices; Engineered for the professional requirements of telecom utilities and electrical boards.
<b>2708</b>	0.25	44		Insulating; Harnessing and binding of wires and electrical cables; Reconstitution of electrical cable insulating screens.
<b>6022</b>	0.15	30		Color coding and insulation of wires and cables; Applied on the phase of LV cables on data and telecommunications cables as well as water and gas pipes; Wrapping and color coding of harnesses; Mechanical protection of the splice.

## Oil Impregnated Paper Tapes

Scapa is one of only a small number of European manufacturers of specialist impregnated paper tapes. These tapes are used for the reconstitution of cable insulation and semi-conducting layers on MV joints, allowing for easy taping, even at low temperatures. Scapa offers a wide range of impregnated paper tapes, specifically designed to meet individual customer needs.

These include:

- Impregnated insulating crepe paper sets (J-SCR)
- Impregnated Kraft paper sets (J-KR)
- Stress cone assemblies
- Rosin oil sets
- Impregnated semi-conducting crepe paper (J-CR)
- Wide lapping papers

All products are available impregnated in polyisobutylene or hydrocarbon oil and are also available dry (no oil).

### Packaging

Papers impregnated in polyisobutylene oil are generally supplied vacuum packed in an aluminum foil bag. Papers impregnated in hydrocarbon oil are generally supplied in a tin and filled with the same oil.

### Roll lengths

Crepe paper – up to 10M (depending on width).  
Kraft paper – up to 37M (depending on width).



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**Contact us now to discuss how Scapa's high quality cable components and tapes can help with your application challenges.**

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