

SC101-80

Semi-Conductive Cable Wrapping Tape - 0.09mm

DESCRIPTION

SC101-80 is a semi-conductive cable wrapping tape. A polyester substrate coated on both sides with a cross-linked acrylic semi-conductive compound.

APPLICATIONS

- Protection.
- Separation.
- Bedding.
- Core identification, shielding and binding.

PRODUCT BENEFITS

- Can be supplied in long lengths, so fewer pad changes are required.
- Good strength retention at high temperatures.
- Good coating adhesion allows high speed tape application without coating build-up.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Nominal Thickness	0.09	mm	BS EN ISO 2286 - 3
Total Weight	65	g/m ²	BS EN ISO 2286 -2
Breaking Strength - Longitudinal	≥100	N/cm	BS EN ISO 1421
Breaking Strength - Transverse	≥60	N/cm	BS EN ISO 1421
Elongation at Break - Longitudinal	≥18	%	BS EN ISO 1421
Elongation at Break - Transverse	≥18	%	BS EN ISO 1421
Surface Resistivity	<1000	Ω/square	55215*
Through Resistance	<50	Ω	55237*
Volume Resistivity	<100	Ω - cm	55214*
Sulphur Staining	Negative	N/A	55212 *
Weight loss in solvent after cross-linking	<10	%	55213 *

STANDARD PRESENTATIONS

- For Widths >40mm: Max OD 600mm
- For Widths 20-30mm: Max OD 400mm
- For Widths 30-40mm: Max OD 500mm
- Maximum Width (Full width roll): 900mm
- Minimum cut width: 20mm increasing in increments of 5mm
- Width Tolerance : Normally +/- 1.0mm

Note:

Standard colour for SC101-80: Black. Printed versions available on request.

Joints of a suitable technical standard may be included but will be kept to a minimum.

Minimum order quantity: 1800m². This quantity is indicative and will depend on the inside and outside diameters required.

SC101-80 will be supplied suitably packed to withstand the rigours of normal transportation and handling.

RECOMMENDATIONS

Please specify the width, inside diameter, maximum outside diameter and maximum length that you require.

Should you have any special requirements, please contact Scapa UK.

Weight restrictions may preclude the manufacture of certain pad sizes.

The rolls should be stored flat on their cut edges in the original packaging, until required for use.

The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes.

The shelf life will vary depending on conditions of storage but should not be less than five years from the date of manufacture, if stored in a moderate climate and good conditions.