

## WSC264

### Water Blocking Tape

#### DESCRIPTION

WSC264 is an asymmetrical semi-conductive water blocking tape with excellent swell and electrical properties

#### APPLICATIONS

- Use as a binding element in the core screen area of power cables.

#### PRODUCT BENEFITS

- High tensile strength.
- Tough outer layer

#### TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Mass per unit area	150	g/m <sup>2</sup>	ISO9073 - 1
Thickness	0.35	mm	ISO9073 - 2
Tensile Strength	80	N/cm	ISO9073 - 3
Elongation	12	%	ISO9073 - 3
Volume Resistivity	0.5	MOhm.cm	DIN54345 Part1
Surface Resistance	1000	Ohms/sq	RENTM238
Swelling Height: 1 min.	18	mm	RENTM209*
Swelling Height: 10 min.	20	mm	RENTM209*
Maximum Processing Temperature	225	°C	RENTM225*
Maximum Service Temperature	90	°C	RENTM227*
Moisture Content	5	%	110°C I.R. Heating

## STANDARD PRESENTATIONS

- Master roll width : 62 inch / 1575mm
- Width Tolerance :  $\pm 0.12$  inch /  $\pm 3$ mm

### Note:

#### Pad Sizes and Order Quantities

##### Core Internal Diameter:

3 inch / 76mm  
4 inch / 101mm  
6 inch / 152mm

##### Typical Outside Diameter:

Width	Outside diameter
< than 1 inch / 25mm	= 12 inches / 304mm max.
> than 1 inch / 25mm	= 38 inches / 965mm max.

#### Traverse Packages and Spool

##### Core Internal Diameter

3 inch / 76mm  
6 inch / 152mm

#### Outside Diameter and Traverse Length:

Outside diameter: Up to 24 inches / 609mm  
Traverse length: Up to 24 inches / 609mm

Larger size spools available upon request.

N.B. Values are approximate to allow for production tolerances.

Standard colour for WSC264: Black

Special jumbo sizes available on request.

Joints of a suitable technical standard may be included but will be kept to a minimum. Heat seal joints are standard, which are thinner than conventional joints. Other joints (butt-double or single) are available upon request.

Minimum order quantity: any combination of slit widths which in total equal the width of a master roll.

WSC264 will be supplied suitably packed to withstand the rigours of normal transportation and handling. This product is manufactured in a controlled environment and is sealed to facilitate a shelf life of up to one year when stored in the original shipping container

## 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. 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.