

## DOUBLE SIDE SEMI-CONDUCTIVE LAMINATED WATER BLOCKING TAPE (WBSC2S)

### CONSTRUCTION

SEMI-CONDUCTIVE POLYESTER NON-WOVEN FABRIC WITH POLYACRYLATE SWELLING POWDER  
CORROSION INHIBITOR

### DESCRIPTION

WATER BLOCKING ARMOURING/BETWEEN POWER CABLE COMPONENTS

Reference		WBSC2S-30	WBSC2S-35	WBSC2S-40	WBSC2S-50	Test method
Properties	Unit					
Thickness	mm	0.30±0.03	0.35±0.03	0.40±0.03	0.50±0.03	ISO 9073-2
Mass per unit area	g/m <sup>2</sup>	110±10	120±10	130±10	160±10	ISO 9073-2
Tensile strength	N/cm	≥30	≥35	≥40	≥50	ISO 9073-3
Elongation	%	≥12	≥12	≥12	≥12	ISO 9073-3
Swelling Speed	mm/1'00'	≥8	≥9	≥10	≥12	GB 450
Swelling Speed	mm/3'00'	≥12	≥13	≥14	≥16	GB 450
Short term Stability	°C	230	230	230	230	Q/TR.J02.01-2000
Long term stability	°C	90	90	90	90	IEC 216-1990
Surface Resistance	Ω	≤1500	≤1500	≤1500	≤1500	GB 3048
Volume Resistivity	Ω.cm	<10 <sup>6</sup>	<10 <sup>6</sup>	<10 <sup>6</sup>	<10 <sup>6</sup>	GB 3048
Moisture content	%	≤9	≤9	≤9	≤9	ISO 287
Reference		WBSC2S-25	WBSC2S-35	WBSC2S-40	WBSC2S-50	Test method
Properties	Unit					
Thickness	mm	0.25±0.03	0.35±0.03	0.40±0.03	0.50±0.03	ISO 9073-2
Mass per unit area	g/m <sup>2</sup>	110±10	120±10	140±10	170±10	ISO 9073-2
Tensile strength	N/cm	≥25	≥35	≥40	≥50	ISO 9073-3
Elongation	%	≥12	≥12	≥12	≥12	ISO 9073-3
Swelling Speed	mm/1'00'	≥7	≥12	≥12	≥13	GB 450
Swelling Speed	mm/3'00'	≥10	≥15	≥16	≥18	GB 450
Short term Stability	°C	230	230	230	230	Q/TR.J02.01-2000
Long term stability	°C	90	90	90	90	IEC 216-1990
Surface Resistance	Ω	≤1500	≤1500	≤1500	≤1500	GB 3048
Volume Resistivity	Ω.cm	<10 <sup>6</sup>	<10 <sup>6</sup>	<10 <sup>6</sup>	<10 <sup>6</sup>	GB 3048

Moisture content	%	≤9	≤9	≤9	≤9	ISO 287
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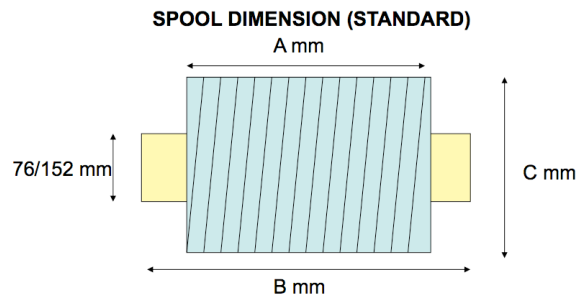
## PACKAGING

<b>Pad</b>	ID: 76 mm /152 mm	OD: Max. 450 mm	Foil Width: 10 mm up to Jumbo Width	Core: Carton
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**PAD DIMENSIONS (STANDARD)**

ID: 76 mm (3 Inch.) or 152 mm (6 inc.)

<b>Spool</b>	ID: 76 mm	A: 260-480 mm/B: 280-500/C: 250-530	Foil Width: 10 to 40 mm	Core: Carton
	ID 152 mm	A: 300-590mm/ B: 320-610mm/C: 350-530 mm	Foil Width: 10 to 40 mm	Core: Carton



- Spool Handling requires special attention to avoid side damage to product.
- For other Pet thicknesses or packaging dimensions please contact us.