

SEMI-CONDUCTIVE CONDUCTOR SEPARATION TAPE 4772



Semi-Conducting non woven tapes primary function is to equalize the field current around the conductor or core and to ensure electrical contact with the earthing system. This reduces the electrical stress on the insulation material and enhances performance. They can also be used to prevent electrolytic corrosion of metallic armour layers.

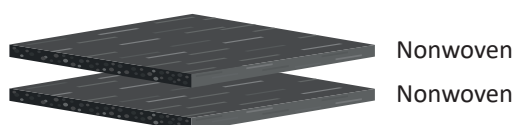
BENEFITS

- Good bedding performance
- Good conductive properties
- Thin and strong material

APPLICATIONS

- ESD lining
- EMI shielding of cables
- Shielding and electric field control

STRUCTURE



ORDER EXAMPLE

Series	Width (mm)	Length (mm)
4772	<input type="text"/>	<input type="text"/>
	<small>Specify the width in mm. Max. width of 960 mm</small>	<small>Specify the length in mm.</small>

TECHNICAL SPECIFICATION

Properties	Part number	Test method
	4772-0.20	
Thickness (mm)	0.20	ISO 9073-2
Mass per unit area (g/m ²)	147	ISO 9073-1
Tensile strength (N/cm)	100	ISO 9073-3
Elongation (%)	15	ISO 9073-3
Specific length resistivity (Ωcm)	10	DIN 54345 Part 5
Volume resistivity (kΩcm)	100	DIN 54345 Part 1
Service temperature (°C)	< 140	IEC 60216 (TIS 045)
Processing temperature (°C)	< 225	(TIS 045)
Max. width	960 mm	-