

4771 - Semiconductive non-woven

Infratron is a leading manufacturer of nonwoven shielding foils and tapes. Our extensive product range contains both semi- and fully conductive foils and tapes for different applications such as EMI shielding and ESD applications.

Infratron is well-known for high quality products, our flexible converting capabilities and short lead times.

Bennefits

- Good bedding performance
- Good conductive properties
- Strong material

Applications

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

Dimensions

The 4771 series Semiconductive non-woven can be delivered as tape on roll or as foil. Minimum width is 1 mm and the maximum width is 960 mm.

The Semiconductive non-woven can also be delivered cut in any shape according to your CAD drawing.



Minimum width is 1 mm and the maximum width is 960 mm.

Specifications



Example image of 4771 Semiconductive nonwoven on roll



4771 Semiconductive nonwoven can be cut in any width



4771 Semiconductive nonwoven can be cut in any shape according to your drawing

4771 - Semiconductive non-woven

Properties	4771-0.14	4771-0.15	4771-0.18	4771-0.30	4771-0.50	Test method
Thickness (mm)	0.14	0.15	0.18	0.30	0.50	ISO 9073-2
Mass per unit area (g/m ²)	60	100	95	60	95	ISO 9073-1
Tensile strength (N/cm)	35	60	60	35	60	ISO 9073-3
Elongation (%)	13	13	14	13	14	ISO 9073-3
Specific length resistivity (Ωcm)	10	5	800	800	600	DIN 54345 Part 5
Volume resistivity (kΩcm)	20	10	50	10	10	DIN 54345 Part 1
Service temperature (°C)	<140					IEC 60216 (TIS 045)
Processing temperature (°C)	<225					(TIS 045)
Max. width	960mm					

Partnumber / Ordercode:

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Series	Thickness (mm)	Width (mm)	Height (mm)
4771	Select an option:	<input type="text"/>	<input type="text"/>
	0.14 : 0.14 mm thick	Specify the width in mm	Specify the height in mm
	0.15 : 0.15 mm thick		
	0.18 : 0.18 mm thick		
	0.30 : 0.30 mm thick		
	0.50 : 0.50 mm thick		

* Note: The red blocks are required

Sample of Partnumber:

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