

5730 - Conductive felt

We would like to present our 5730 conductive felt for EMI shielding. A special electrically conductive coating is applied to our felt products to make them conductive. This material is widely used in various industries for EMI shielding applications. Conductive felt is a non-woven polyester fabric with an electrically conductive nickel coating. The thickness is 1.5 mm.

Features

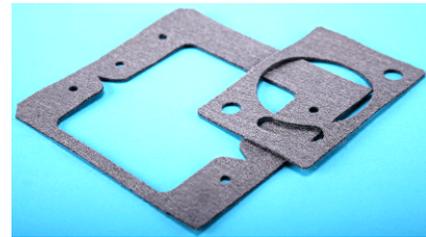
Maximum width 500 mm
Nickel coating: 35 - 40 g/m²

Options

With or without conductive adhesive
CNC cut according to your drawing

Specifications

Part number	5730
Tensile strength (length of roll)	=230 N/5cm
Tensile strength (across)	=340 N/5cm
Fabric weight	150 g/m ²
Thickness	1.5mm
Max. elongation	=55%
Flame resistance	UL 94 HB



Conductive felt cut according to customer's drawing.



Conductive felt can be cut into any shape by our CNC cutting machine.

Shielding performance

Magnetic field H 0 - 30 MHz		Magnetic field E 01 MHz - 30 MHz		Plane wave 2GHz - 18GHz	
3MHz	15dB	1MHz	100dB	100MHz	52dB
10MHz	25dB	5MHz	75dB	150MHz	50dB
15MHz	28dB	10MHz	62dB	400MHz	62dB
20MHz	32dB	20MHz	60dB	500MHz	65dB
30MHz	35dB	30MHz	56dB	700MHz	70dB
				0.8GHz	67dB
				0.9GHz	70dB
				1.0GHz	70dB
				10.0GHz	90dB
				18.0GHz	70dB

*These values are measured under laboratory conditions.
In othersituations, results may differ; please read our Guarantee.*

Series	Width (mm)	Height (mm)
5730	Maximum width of 420 mm	400