

# Conductive Felt 5730

Non woven texture polyester with nickel coating



Non woven texture polyester with nickel coating.  
Thickness 1.5 mm.

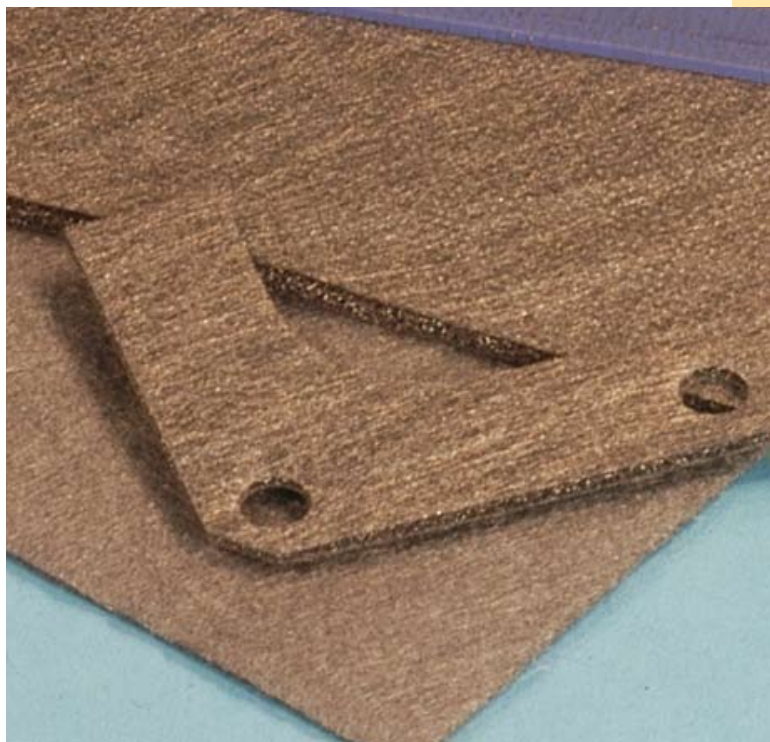
Maximum width : 500 mm.  
Nickel coating : 35 - 40 g/m<sup>2</sup>.

## Options

With or without conductive adhesive.

## Specification

Partnumber	5730
Tensile strength (length of roll)	>=230 N/5cm
Tensile strength (crosswise )	>=340 N/5cm
Weight	150 g/m <sup>2</sup>
Thickness	1,5mm
Breaking charge (Longitudinally)	>=230 N/5cm
Breaking charge (Trasversely)	>=340 N/5cm
Max. elongation	>=55%
Flame resistance	UL 94 HB



## Shielding performance

Magnetic field H 0 - 30 MHz		Magnetic field E 01 MHz - 30 MHz				Plane wave 2GHz - 18GHz	
<b>3MHZ</b>	15dB	<b>1MHZ</b>	100dB	<b>100MHZ</b>	52dB	<b>0,8GHz</b>	67dB
<b>10MHZ</b>	25dB	<b>5MHZ</b>	75dB	<b>150MHZ</b>	50dB	<b>0,9GHz</b>	70dB
<b>15MHZ</b>	28dB	<b>10MHZ</b>	62dB	<b>400MHZ</b>	62dB	<b>1,0GHz</b>	70dB
<b>20MHZ</b>	32dB	<b>20MHZ</b>	60dB	<b>500MHZ</b>	65dB	<b>10,0GHz</b>	90dB
<b>30MHZ</b>	35dB	<b>30MHZ</b>	56dB	<b>700MHZ</b>	70dB	<b>18,0GHz</b>	70dB

See guarantee



## Ordering information

When ordering conductive felt 5730, please specify part number and dimensions. For die cuts, please enclose a detailed drawing.

## Example

For example conductive felt (5730) 400 x 400 mm:

Series	Width (mm)	Height (mm)
5730	400	400

Maximum width 500 mm