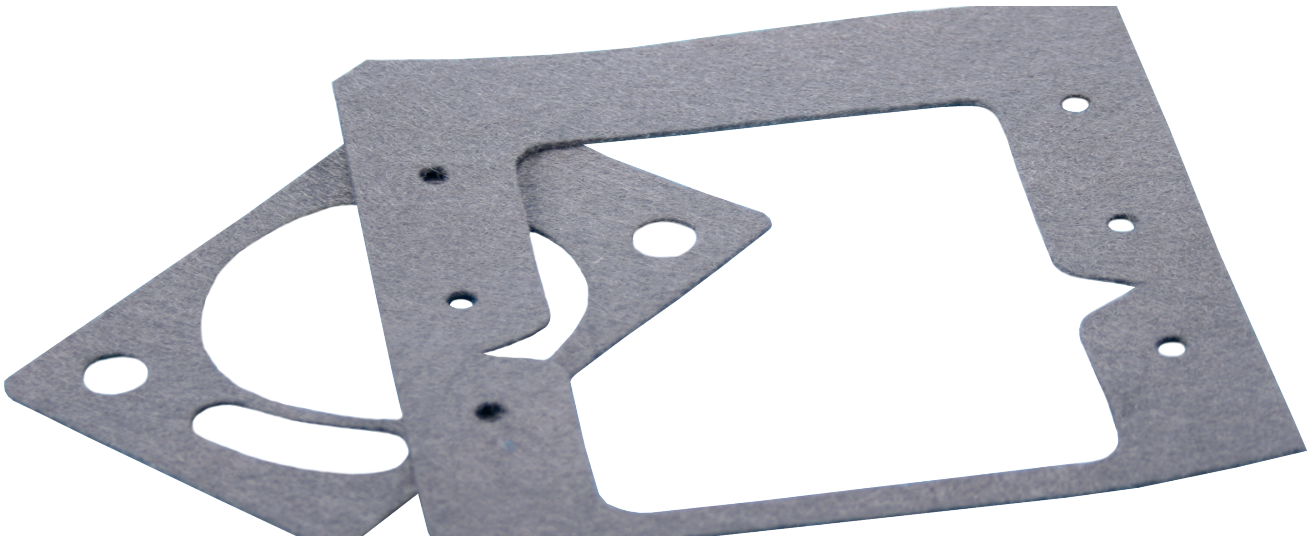
ELECTRICALLY CONDUCTIVE FELT 5730

Felt, metalized with pure nickel



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 1.5mm.

FEATURES

- Maximum width 470mm
- Nickel coating: 35 - 40 g/m^2

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/m2
Thickness	1.5mm
Max. elongation	>=55%
Flame resistance	UL 94 HB

SHIELDING PERFORMANCE*

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

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

ORDER EXAMPLE

Series		Width (mm)		Length (mm)
5730	-		-	
		Specify the width in mm. Maximum width of 470mm		Specify the length in mm.

Technical Data Sheet