



Holland Shielding Systems BV

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Technical Datasheet

Conductive Vilt 5700 Series

Non woven texture polyester

Specification

Part number	5700 Series	
Gram mature	150 g/m ²	DIN 53 854
Thickness	1,5 mm	DIN 53 353
Breaking charge (long.)	>=230 N/5cm	DIN 53 857-2
Breaking charge (trasv.)	>=340 N/5cm	DIN 53 857-2
Breaking Length ness (long.)	>=55 %	DIN 53 857-2
Breaking Length ness (trasv.)	>=55 %	DIN 53 857-2
Flame resistance	UL 94 HB	

Metallization treatment electro less with pure nickel

Nickel Coating: 35 – 40 g/m²
Maximum Width: 500 – 1500 mm
Options: With or Without conductive adhesive

Shielding Performance

Magnetic Field H 0 – 30 MHz		Magnetic Field E		01 MHz – 30 MHz		Onda Piana 2GHz – 18GHz	
3 MHz	15 dB	1 MHz	100 dB	30 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

* Shielding effectiveness depends on surface, shape of gaskets and materials used.