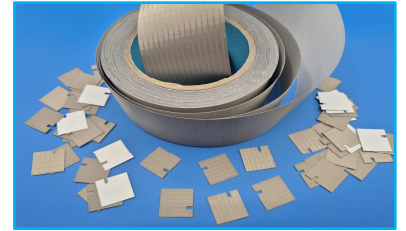


The BF Wall Covering is mainly used to make parts that allow to overcome both magnetic and electrical disturbances between 100 KHz and 1 GHz, with a minimum attenuation of 39 (dB) in this frequency range.

Since this fabric is fragile, it is advisable to cover it with a coating to protect it. It sticks in the same way as a decorative coating.



Technical characteristics

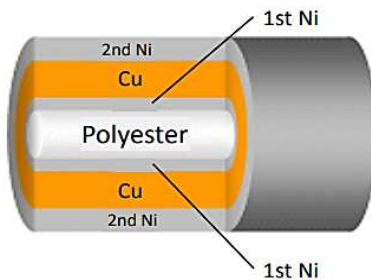
Features	Units	Values	Remarks
Material			
Base Material	/	Polyester 100%	
Layer	/	Ni + Cu + Ni	2 layers
Color	/	Gray	
Physical properties			
Warp density	/	136 +/-10	ASTMD D3775
Core density	/	126 +/-10	ASTMD D3775
Weight	g/m ²	80 +/-5	ASTMD D3776
Thickness	mm	0,1 +/-0,01	ASTMD D1777
Standard width	mm	1 170 +/-5	
Electrical properties			
Surface resistance	Ω/\square	<0,03	JIS K 7194
Shielding efficiency	dB @ 100 MHz - 18GHz	80 - 90	ADTM D4935-89
Mechanical properties			
Breaking strength (chain)	N	479 +/-10	ASTM D 5034
Breaking strength (trâme)	N	391 +/-10	ASTM D 5034
Elongation (chain)	%	31,9 +/-10	ASTM D 5034
Elongation (trâme)	%	30,2 +/-10	ASTM D 5034

General information

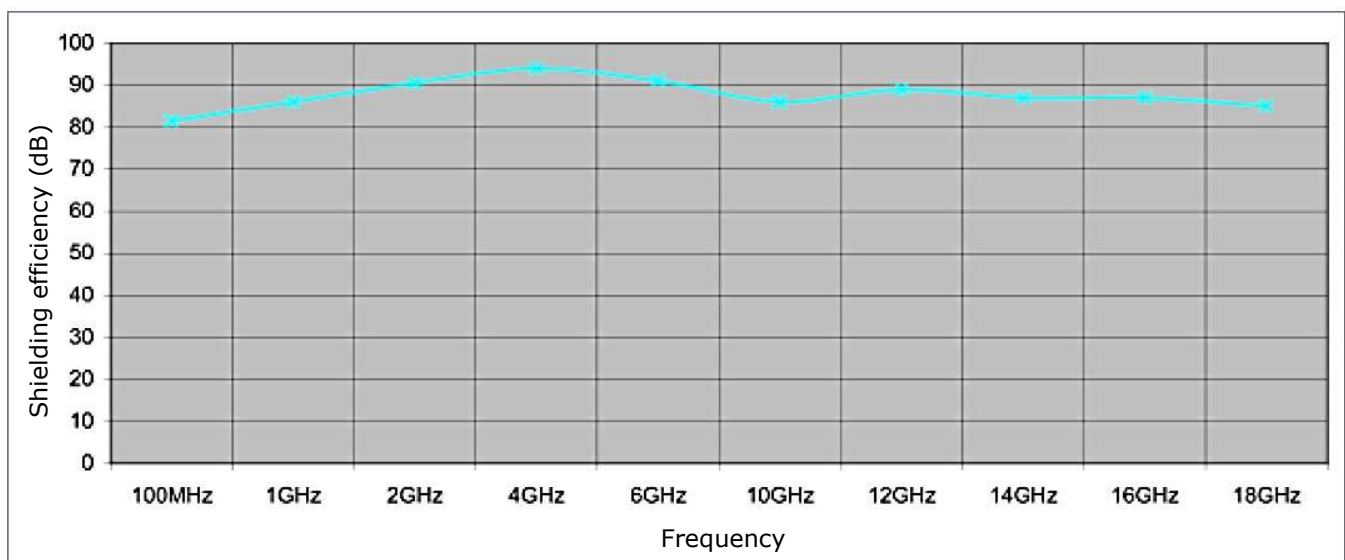
- In spool width 170mm as standard
- Optional specific width
- Optional or non-conductive adhesive tape



+ Sectional view



+ Shielding efficiency



The results were obtained under laboratory conditions and should be considered only as an indication. As AB2E has no control over its customers' equipment and many other factors, it is the user's responsibility to carry out its own tests to ensure that the product corresponds to its needs.