



EeonTex™ Conductive Nonwoven Fabric

EeonTex™ NW170-PI-20 is a conductive microfiber nonwoven metamaterial for electromagnetic applications and for resistive heating.

- Advantages of EeonTex™ heaters
- Soft and flexible
 - Uniform surface heating
 - Low thermal mass
 - Completely safe and durable

- Advantages of EeonTex™ for EM applications
- Light weight and conformable fabric
 - Available by the linear yard at 60" width
 - Broadband energy attenuation
 - Epsilon negative metamaterial for wireless energy transmission
 - Cost effective

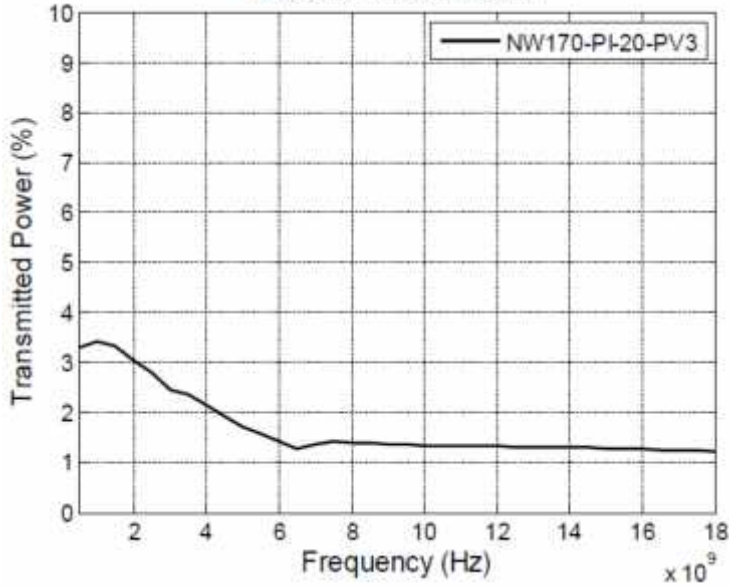
Part Number:	EeonTex™ NW170-PI-20
Filament blend:	polyester/nylon 6 (70/30)
Web bonding:	170 g/m ²
Thickness:	0.80 mm
Tensile strength:	> 450 N
Elongation at break:	40%
Tear Resistance:	12 N
Surface Resistivity:	Tunable from 8 to 105 ohm/sq

EeonTex™ nonwoven can be treated with a protective coating to enhance stability and to make it flame-resistant and/or bactericidal.

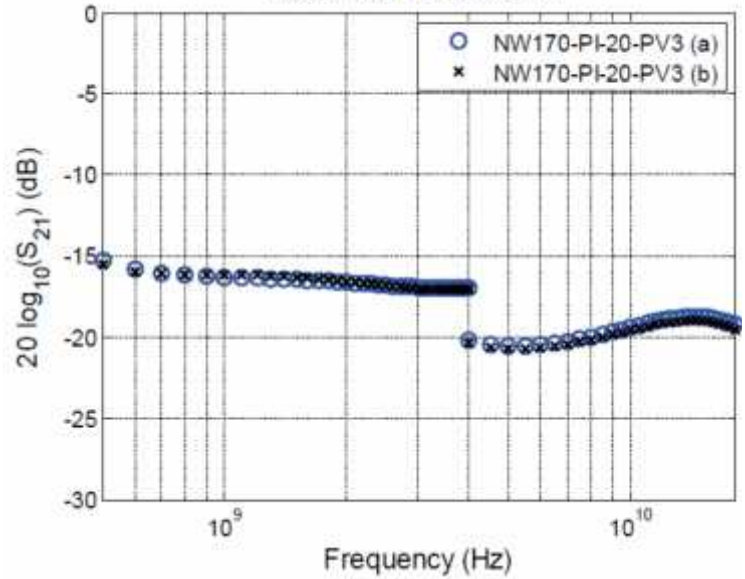
EeonTex™ conductive nonwoven fabric is a product of Eeonyx Corp., Pinole, CA 94564. It is made under US Pat. 5,833,884. The above information is provided for illustrative purposes only and should not be considered a product specification or a guarantee of fitness for any application.



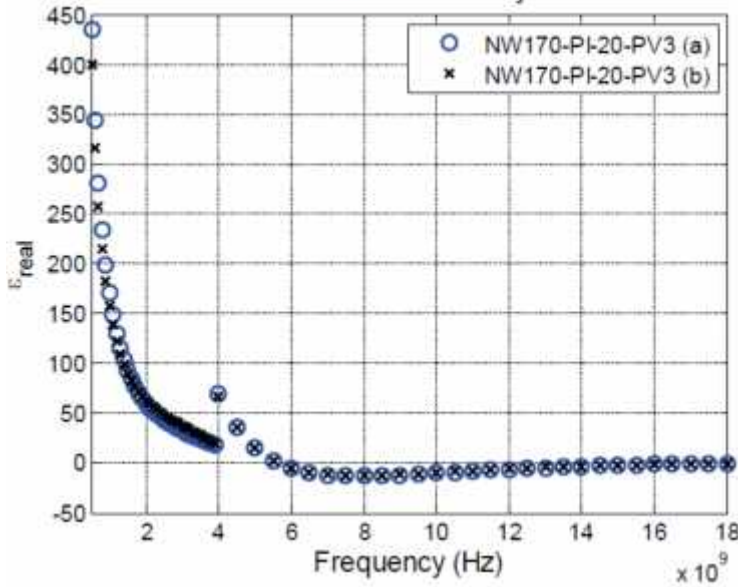
Modeled Transmission



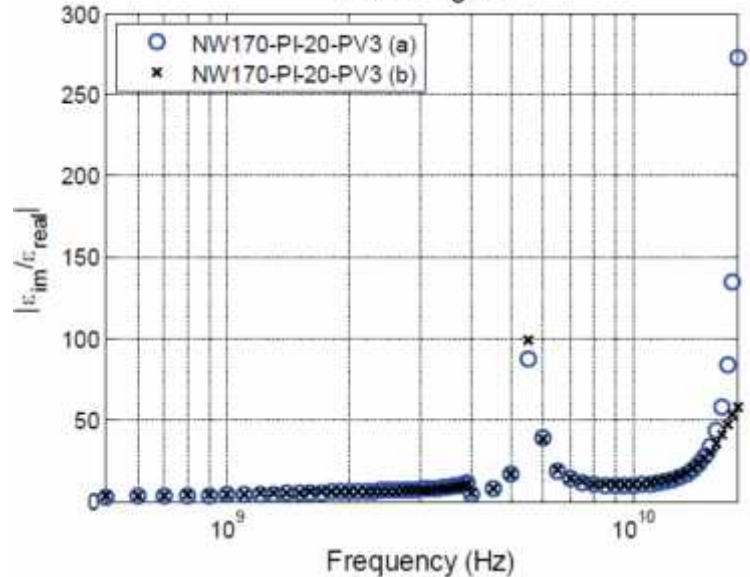
Measured Transmission



Relative Permittivity



Loss Tangent



PROTECTING YOUR ELECTRONICS.

Distributed by

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