



EeonTex™ Conductive Nonwoven Fabric

EeonTex™ NW170-PI-20 is a conductive microfiber nonwoven used in 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

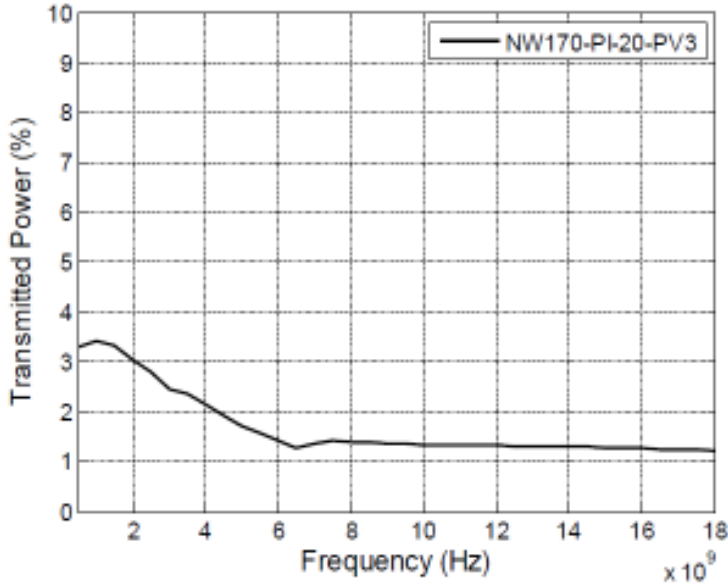
Part Number:	EeonTex™ NW170-PI-20
Filament blend:	polyester/nylon 6 (70/30)
Web bonding:	170 g/m ²
Thickness:	0.60 mm
Tensile strength:	> 450 N
Elongation at break:	40%
Tear Resistance:	12 N
Surface Resistivity:	Tunable from 8 to 105 ohm/sq

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

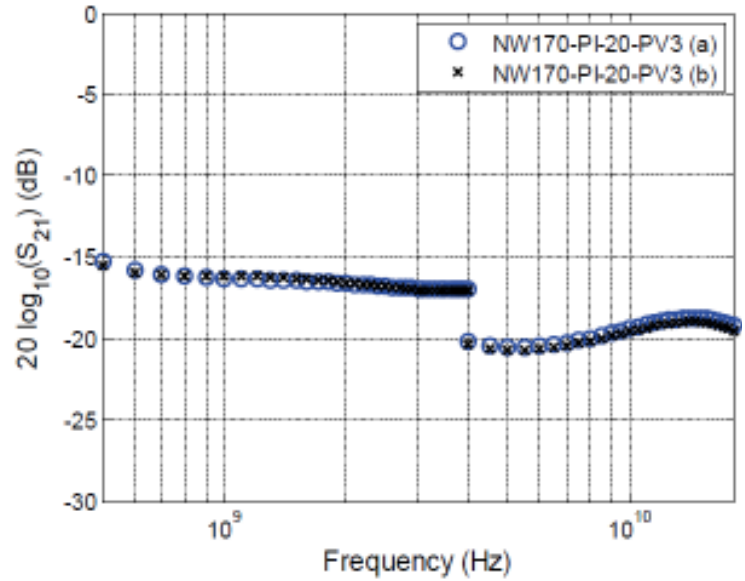
EeonTex™ □ conductive nonwoven fabric is a product of EeonTex Corp., Pinole, CA 94564. It is made under US Pat. 5,833,884. The above information is provided for illustrative purposes only and should not be considered a product specification or a guarantee of fitness for any application.



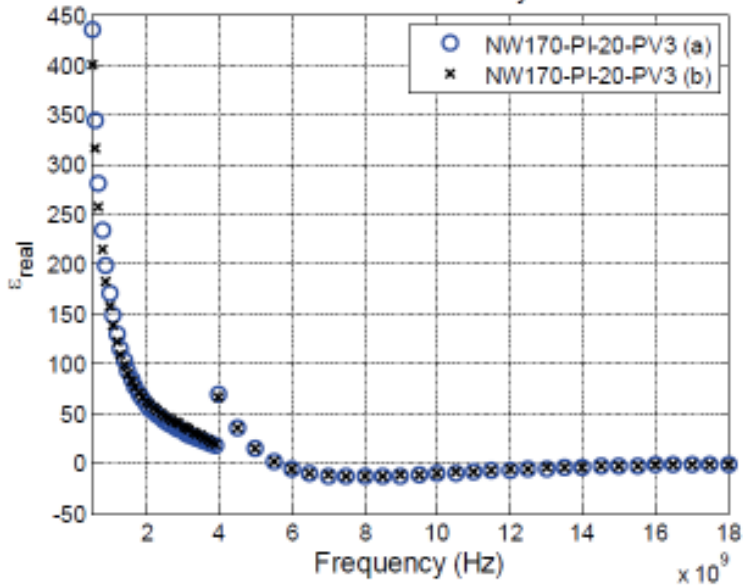
Modeled Transmission



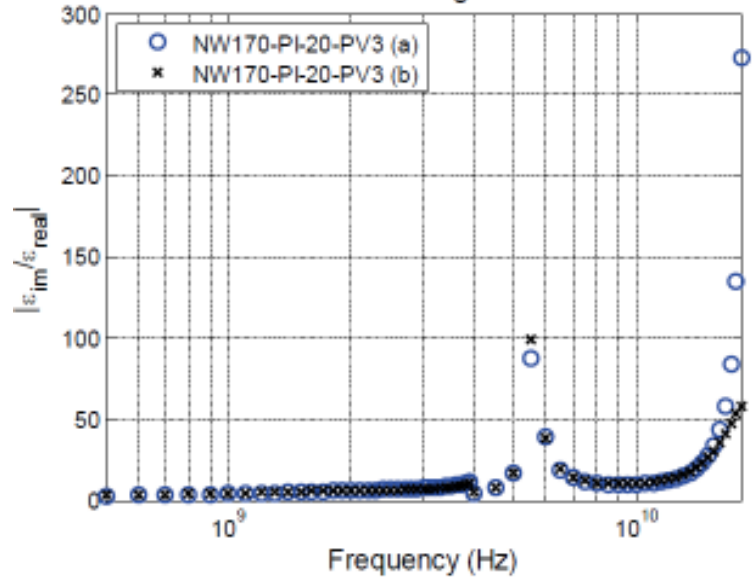
Measured Transmission



Relative Permittivity



Loss Tangent



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