



## 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

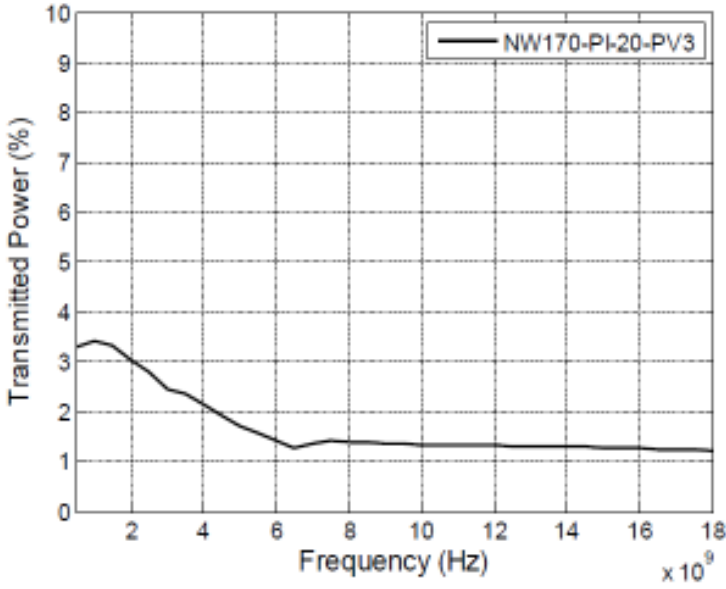
Part Number:	EeonTex™ NW170-PI-20
Filament blend:	polyester/nylon 6 (70/30)
Web bonding:	170 g/m <sup>2</sup>
Thickness:	0.60 mm
Tensile strength:	> 450 N
Elongation at break:	40%
Tear Resistance:	12 N
Surface Resistivity:	Tunable from 8 to 105 ohm/sq

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

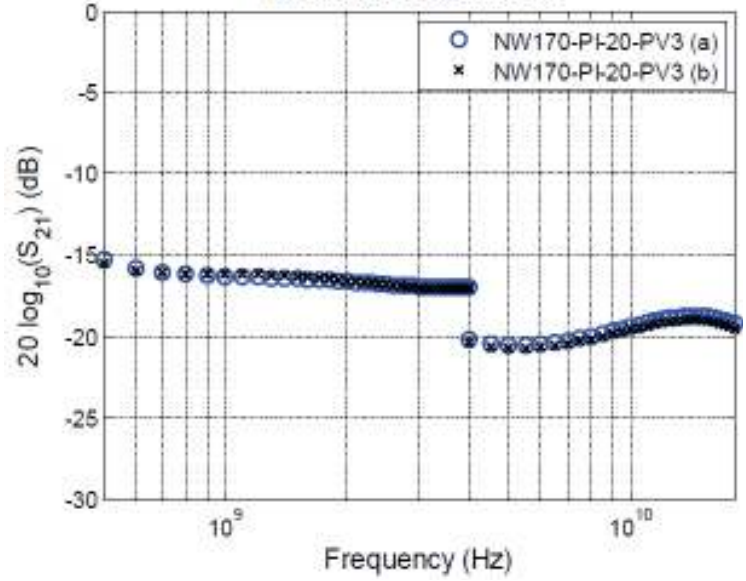
EeonTex™ □ conductive nonwoven fabric is a product of EeonTex Corp., Pinole, CA 94564. It is made under US Pat. 5,833,884. The above information is provided for illustrative purposes only and should not be considered a product specification or a guarantee of fitness for any application.



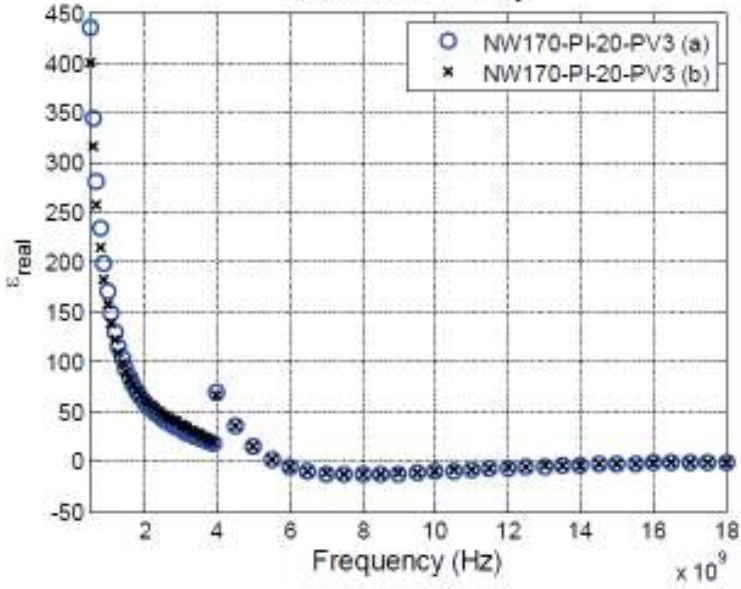
Modeled Transmission



Measured Transmission



Relative Permittivity



Loss Tangent

