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/m²
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.

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