

# EEONTEX™ CONDUCTIVE MICROFIBER NONWOVEN FABRIC



## Part of the EeonTex™ Conductive Textile Product Line

**EeonTex™ conductive nonwoven fabrics, NW170-PI-xxxx & NW170-SLPA-xxxx,** are durable, hydrotangled nonwovens of polyester/nylon microfibers coated with various proprietary, conductive polymer formulations to tailored surface resistivities. Depending on the resistivity, the fabric is suitable for many high-tech applications such as reducing radar reflections, EMI suppression, biometric pressure sensors, static dissipation, and resistive heating. Given the broad range of resistivities available and the durability of the nonwoven, EeonTex conductive nonwoven fabrics can be utilized in a wide range of applications.

### **Description of EeonTex™ Conductive Microfiber Nonwoven Fabric**

Part Number: NW170-PI-xxxx and NW170-SLPA-xxxx (xxxx indicates surface resistivity in ohm/sq)

Weight: ~5-6 oz/yd<sup>2</sup> (170 - 205 g/m<sup>2</sup>)

Nominal width: up to 60 inches (1.52 m)

Thickness: ~20-25 mils (0.5-.6 mm)

Tensile Strength (MD x CD): 51 lb/in x 51 lb/in

Elongation at Break (MD x CD): 40% x 45%

Tear Resistance (MD X CD): 2.7 lb x 2.7 lb

Surface Resistivity: customer specified (~15 Ω/sq – 10M ohm/sq; depends on coating, PI giving the lowest resistances)

Color: Black to gray, depending on coating formulation and resistance

EeonTex™ fabric can be coated with a secondary, proprietary coating to enhance stability and to make it flame-resistant.

For more information, please call 314-878-9190, fax 314-878-0744, or e-mail [info@marktek-inc.com](mailto:info@marktek-inc.com).

EeonTex™ conductive fabrics are products of Eeonyx Corp., Pinole, CA 94564. **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.**

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