

Marktek Inc.

Your One-Stop Shop for EMI-shielding, Conductive, Resistive, & Microwave-Absorptive Materials

Data Sheet for Fibreohm™ Resistive Wire FO1002117SUW/C

Product ID: FO1002117SUW or -C

Description: silver-plated, 2-ply 117/17 nylon 66 yarn insulated with medium soft, white or clear thermoplastic polyurethane

Linear Resistance: < 9 Ω /in (3.5 Ω /cm)

Approx. Overall Diameter: 0.02 in (0.51 mm)

Tensile Strength: ~ 0.33 lb (1.48 N)

Elongation at Break: ~ 13%

Temperature Limits: up to 90°C (195°F)

Put-up: flat circular (“pancake”) bobbins of 100 m (109 yd) and 1000 m (1094 yd)

RoHS and REACH compliant

Applications: Soft, flexible, durable, conductive wire for wearable electronics and heating. The wire can be connected directly to fabrics via ultrasonic welding

The information provided here is for illustrative purposes only and should not be considered a product specification. All statements and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. As always, it is up to the user of this product to make the final determination as to whether the said product is suitable for the user’s intended application.

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