

Marktek Inc.

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

Data Sheet for Fibreohm™ Resistive Wire FO1002235SUW/C

Product ID: FO1002235SUW or -C

Description: silver-plated, 2-ply 235/36 nylon 66 yarn insulated with white or clear thermoplastic polyurethane

Linear Resistance: < 1.5 Ω/in (0.6 Ω/cm)

Approx. Overall Diameter: 0.024 in (0.6 mm)

Tensile Strength: ~ 2 lb (8.9 N)

Elongation at Break: ~ 18%

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 heaters. 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.

Rev. 08/20

13621 Riverway Dr.
Suite H
Chesterfield, MO 63017

Tel: 314-878-9190
Fax: 314-878-9558
Email: info@marktek-inc.com

www.Marktek-Inc.com