

Marktek Inc.

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

Data Sheet for S240MY Conductive Yarn

Description: silver-plated nylon 66, 510 dtex, round monofilament yarn

Appearance: silvery gray

Finished dtex: 580±10

Nominal Diameter: 240 um (9.5 mils)

Linear Resistance: < 100 ohm/cm (250 ohm/in)

Yield: 8,620 yd/lb (17,250 m/kg) ±6%

Tenacity: avg. 23 cN/tex

Breaking Strength: NA

Elongation at Break: avg. 29%

Temperature Limits: up to 100°C

Packaging: 400±40 g (net) spools on paper or plastic, 230 mm, 3°-30 cones; 15 or 30 per case

Applications: Conductive thread or wire for ESD, medical, EMI knitted gasket, and smart textiles applications. Silver is a broad spectrum biocide, so the product can be used wherever antimicrobial properties are desired.

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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