

Marktek Inc.

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

Data Sheet for S423534Y Conductive Embroidery Yarn

Description: S-twisted 4-ply, silver-plated nylon 66 235/34 flat yarn with a filament Z twist

Appearance: silvery gray

Linear Resistance: 1.2-1.5 Ω /in

Yield: 3850 yd/lb

Breaking Strength: min. 2700 g, max 2900 g

Tenacity: 4.4 g/den

Elongation at Break: ~ 15%

Temperature Limits: up to 190°C (375°F)

Splice Frequency: 4 max/package(spool)

Packaging: ~1 kg spools on paper or plastic, 3°-30 min cones

Applications: Conductive embroidery thread or wire for ESD, medical, EMI knitted gasket, and smart textiles applications and for sewing down bus bars. 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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