

Marktek Inc.

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

Data Sheet for S212517Y Conductive Yarn

Description: Silver-plated nylon 66 2/125/17 yarn with a filament twist of 16 S tpi and a ply twist of 12 Z tpi

Appearance: silvery gray

Linear Resistance: 5-10 Ω /in

Yield: 19,800 yd/lb

Breaking Strength: min. 675 g, max 725 g

Tenacity: 5 g/den

Elongation at Break: min. 15.8%, max 21.4%

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

Splice Frequency: 4 max/package(spool)

Packaging: 1 lb. spools on paper or plastic, 3°-30 min cones

Applications: Conductive thread or wire for ESD, medical, and EMI knitted gasket applications, and for smart textiles. 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.

37 Shady Valley Dr.
Suite B
Chesterfield, MO 63017

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

www.Marktek-Inc.com

