

Marktek Inc.

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

Data Sheet for S11034Y Conductive Yarn

Description: silver-plated nylon 66 110/34 flat yarn (Z200 twist)

Appearance: silvery gray

Linear Resistance: < 20 ohm/cm (< 50 ohm/in)

Yield: 34,950 yd/lb (69,900 m/kg) for 143 total dtex yarn

Breaking Strength: ~0.9 lb (400 g)

Tenacity: ~2.5 g/den (27 cN/tex)

Elongation at Break: ~ 45%

Temperature Limits: up to 90°C

Splice Frequency: 4 max/package(pool)

Packaging: ~1 lb (net) spools on paper or plastic, 230 mm, 3°-30 cones

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.

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

