



# Technical Data Sheet

PN# 200111011034HC

## Shieldex® Conductive Yarn

### Silver Plated Nylon 6 or 66, 110/34 dtex HC

- Purpose: Smart textiles, Resistance heating, RF Shielding, ESD and anti-microbial applications
- Description: 99% pure Silver plated Nylon yarn 142/34f dtex
- Liner Resistance: < 30  $\Omega$ /cm
- Yield: 69,000 M/kg
- Tenacity: Average 27 cN/tex
- Elongation: abt. 43%
- Denier: 100/34f
- Melt Point (F): 492



#### Package Properties

Core Type: 3 Deg-30 Min Cone 9"

Core Material: Pressed Paper or plastic

Product ID Color: Gray

Package Weight: 0.1 LB Nominal

Package Weight Control: +/- .1 lb. within single case

Cross section views of nylon fiber showing silver deposits



#### Accreditations:

RoHS: Compliant

Reach: Compliant

Acc. ISO 9001:2000



*A Woman's Owned Small Business*

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