



# Technical Data Sheet

PN# 20012104412

## Shieldex® Conductive Yarn

### Silver Plated Nylon 6, 44/12 dtex tri-lobe Z turns

- Purpose: Resistance heating RF Shielding, ESD and anti-microbial applications
- Description: 99% pure Silver plated Nylon 6 yarn 49/12f dtex tri-lobe
- Liner Resistance: < 380-430  $\Omega$ /ft
- Yield: 112,000 yd/lb
- Tenacity: Average 43 cN/tex
- Elongation: abt. 38%
- Denier: 40/12f (200-250 Z)
- Melt Point (F): 492



#### Package Properties

Core Type: 3 Deg-30 Min Cone 9"

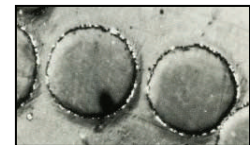
Core Material: Pressed Paper or plastic

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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Rev 1.20.10