



# Technical Data Sheet

PN# 1500101130 / previously PF452RS  
PN# 15002001130 / previously PF452PW

## Conductive Metallized Nylon Fabric (**Zell**)

- Purpose: RF shielding, and general high conductive metallized nylon fabric
- Description: 3 metallized layers plated Nylon fabric, Tin/Nickel over Silver (Sn/Cu/Ag plated Nylon fabric (Rip-Stop) or (Plain Weave).
- Surface Resistance: < 0.02 Ohms/□
- Shielding Effectiveness: Average 85 db from 30Mhz to 10Ghz
- Abrasion Resistance: 500,000 Cycles
- Temperature Range: -30°C to 90°C
- Total Thickness: .003" (0.1mm) nominal
- Number of Splices: 1/100M nominal
- Roll Widths: 52" (1.3M) nominal
- Master Roll Lengths: 144yds-250yds (100M-200M) nominal
- Weight: 77g/sq.M



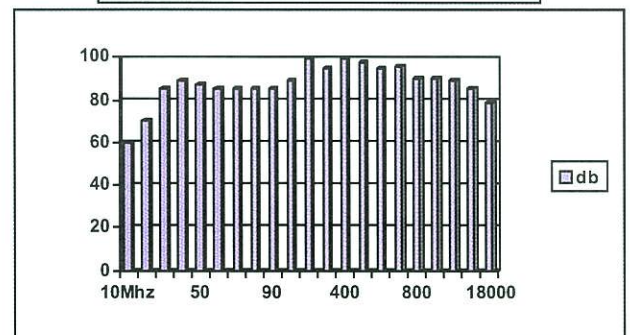
**Unique Highly Conductive Fabric  
Unbeatable in Galvanic Compatibility**

Accreditations:  
RoHS: Compliant  
Reach: Compliant  
Acc. ISO 9001:2000

## PRODUCT APPLICATIONS

- ⇒ Outside skin for EMI/RFI fabric over foam gaskets
- ⇒ Shielding material for laminated flat I/O shielding panels
- ⇒ EMI/RFI cable shielding
- ⇒ Base material for EMI/RFI garments
- ⇒ Wall covering for RF shielding

Shieldex Zell Fabric  
Mil-Std-285 Modified



*A Woman's Owned Small Business*

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