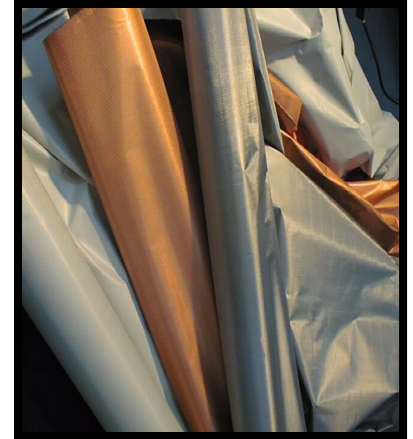




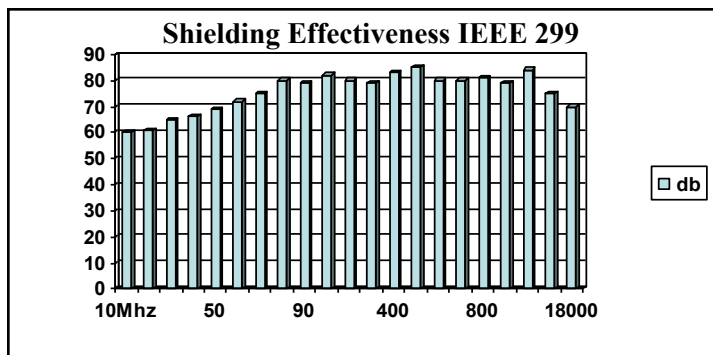
## Shieldex® Kiel + 30

- Purpose: Conductive non-woven fabric for general use.
- Description: Copper (Cu) plated non-woven fabric (PBN-II®) + protection coating.
- Raw material: PBN-II® non-woven fabric
- Surface Resistivity:  $< 0.02 \Omega / \square$
- RF Shielding Effectiveness: Average 80 dB from 30MHz to 10GHz
- Temperature Range:  $-40^{\circ}\text{C}$  to  $100^{\circ}\text{C}$  /  $-40^{\circ}\text{F}$  to  $212^{\circ}\text{F}$
- Total Thickness: 0.01" (0.229mm)  $\pm$  10%
- Number of Splices: 1/100 Lm nominal
- Weight:  $100 \text{ g/m}^2 \pm 15\%$
- Roll Widths: 39"  $\pm$  1" (100cm)
- Master Roll Lengths: Average 200 Lm / 218 Lyd



### PRODUCT APPLICATION EXAMPLES

- ⇒ Base material for EMI/RFI gaskets
- ⇒ Base material for EMI/RFI garments
- ⇒ Passive static eliminator for copier, fax & printers
- ⇒ EMI/RFI cable shielding
- ⇒ Conductive fabric tape
- ⇒ RF wallpaper



**Accreditations:**  
 RoHS: Compliant  
 Reach: Compliant  
 Acc. ISO 9001:2015

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