

Fabric Technical Data Sheet / Tissue Fiche Technique



15 HaSatat St, Holon 58856, Israel • Tel: 972-3-550 9148 • Fax: 972-3-550 7969 • Web: kk-fabrics.com

Fabric: SF1000

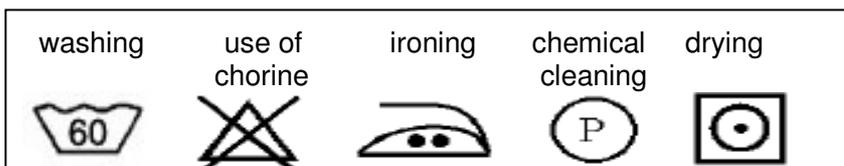
Description: Anti-static ESD fabric for clean room applications class 1000, 5mm grid.

Applications: ESD protection in clean rooms, work wear, filtration.

Specifications: N/A.

| Technical characteristics | | Value | Control method |
|--|--------------|------------------------------------|----------------|
| Composition (%) | | 98% polyester 2% carbon fiber | |
| Width (cm) | | 150 | |
| Weight (gr/sqm) | | 130 | |
| Number of yarns (denier) | Warp Weft | 100 100 | |
| Weave style | | Twill 1/2 | |
| Fabric thickness (mm) | | ~0.2 | |
| Carbon fiber grid (mm) | | 5 | |
| Tensile strength (N) | Warp Weft | 830 1580 | |
| Tearing strength (gf) | Warp Weft | 4170 6000 | |
| Shrinkage (%) | Warp Weft | 1 0 | |
| Air permeability (cc/cm ² /sec) | | 30 | |
| Surface resistivity (ohm/unit) | | 10 ⁶ ~ 10 ¹² | |
| Electrical potential (μC/m ²) | | 0.3 | |
| Friction charges (V) | | <100 | |
| Electrostatic dissipative time (sec) | | 0.02 | |
| Decay time (sec) | | 0.5 | |
| Particle generation (%) | | 60-80 | |
| Color fastness (retention) | | 4-5 | |

Care Symbols:



Details and remarks: N/A.

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