Technical Information

22 Efal St. POB 3041 Kiryat-Arie, Petah-Tikva 49511, Israel ● Tel: 972-3-9231311● Fax: 972-3-9231511

Antistatic fabric SF40

- Static dissipative fabric
- For use in manufacturing ESD garments
- IEC 61340-5-1 compatible
- Carbon loaded yarns (conductive yarns) in 4 mm grid
  Double carbon loaded yarns on the weft
- Width - 162 cm
- All colors available providing Pantone number
- Composition:
  62% Polyester
  34% cotton
  4% conductive fibers
- Weight - 156 g/sm
- Comfortable and breathable
- Roll = 60-140 meters

Machine washable up to $40^0{}_c$
Do not bleach
Do not use acid or alkali
Ironing at Medium temperature
Tumble dry at low temperature

Durability

IEC 61340-5-1 Electrical properties maintained after **more than 100** industrial launderings

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Electrical properties:

	Test standard	Typical values	Requirements
Point to point resistance Rp	IEC 61340-5-1	10^5 - 10^7 Ω	Rp ≤ 10^{11}Ω
Decay time	IEC 61340-2-1	0.5-0.9 seconds Peak voltage U ≤ 150V	< 2 seconds To 10% of initial value (max peak voltage 1000V)

SF40 ESD Fabric	
White	004001
Light Blue	004002
Grey	004003
Yellow	004004
Red	004005
Green	004006

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