



ESD Fabric (carbon fiber yarn)

Features:

- For use in manufacturing ESD garments
- IEC 61340-5-1 compatible
- Carbon loaded yarns (conductive yarns)
- Width - 150 cm
- All colors available providing Pantone number
- 2.5mm stripe, 2.5mm grid, 5mm stripe, 5mm grid available

Composition:

98% Polyester, 2% conductive fibers

Weight - 170g/m, Comfortable and breathable

Roll = 60-300 meters

No bleaching; Without acid or alkali Ironing at Medium temperature; Tumble dry at low temperature

Durability

IEC 61340-5-1 Electrical properties maintained after more than 50 industrial launderings

Electrical properties:

| | Test standard | Typical values | Requirements |
|---|---------------|---|--|
| Point to point resistance R_p | IEC 61340-5-1 | $10E5 - 10E7 \Omega$ | $R_p \leq 10E11 \Omega$ |
| Decay time | IEC 61340-2-1 | 0.5-0.9 seconds Peak voltage $U \leq 150V$ | < 2 seconds To 10% of initial value (max peak voltage 1000V) |

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ISO 9001: 2000 Certified