

### **Antistatic Single fabric – SGF96**

- Static dissipative knitted fabric
- For use in manufacturing ESD garments such as T-shirts, Light Polo-shirts
- IEC 61340-5-1 compatible
- All colors available providing Pantone number or color sample
- Composition:
  - 96% cotton
  - 4% conductive fibers
- Weight - 150 g/sm
- Comfortable and breathable

Machine washable up to 40<sup>0</sup> 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 40 industrial launderings

### Electrical properties:

	Test standard	Typical values	Requirements
<b>Point to point resistance Rp</b>	IEC 61340-5-1	$10^5 - 10^7 \Omega$	$R_p \leq 10^{11} \Omega$
<b>Decay time</b>	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)



SGF48 ESD Fabric	
Black	009611
Royal Blue	009608
Red	009605
Dark green	009606
Navy Blue	009608
White	009600
Grey	009601