

# Kinetic Polymers

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<b>Technical Specification of Antistatic Apron / Head Caps</b>	
Composition	Polyester filament yarn with Conductive filament yarn
Wrap (Polyester filament yarn)	75d / 36f
Wrap (Polyester filament yarn)	100d / 48f
Wrap (Conductive yarn)	97d / 25f
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Weaving Structure (twill)	2up / 1 down
Density (wrap x weft / inch)	192 x 92
Weight (gr / yd)	155
Conductive yarn's interval	5 x 5 mm
Material	100 % Poly
Electro Conductive Yarn	Carbon
Air Permeability (cc / cm <sup>2</sup> / sec)	9.3
Moisture Permeability (gr / m <sup>2</sup> / 24hrs)	7,156
Tearing Strength (gr) Warp	2,992
Weft	2,448
Acid Resistance (50 wash)	Good
Fractional Static Charge (V) Wrap	90
Weft	110
Surface Resistivity (Ohm /Sq)	10 <sup>5</sup> – 10 <sup>9</sup>
Particle Efficiency (%) 0.3	81
0.5	85
Colour	White / Blue
Uses – In Pharma area / clean room	



**Note:** Normal apron / head caps made with cotton rich material are having lints. Which are not advisable in pharma / powder handling area.

Pure polyester cloth is one which can generate heavy static, because of insulating material. Hence not recommended in clean room / pharma area.