



# ACLEAN JC

## Cleanroom class 10 (ISO 4)

### Technical data

Description	Value	Test method
<b>Composition</b>	98% Polyester filament yarn, 2% Polyester carbon filament yarn	ASTM-D-629
<b>Autoclavable</b>	Max. 134°C	
<b>Weave</b>	3/2 Twill, 5mm grid	
<b>Weight</b>	120 g/m <sup>2</sup>	
<b>Width</b>	152 cm	
<b>Density</b>	Warp: 83cm Weft: 47cm	
<b>Yarn type</b>	Warp and weft: Polyester 75D/ 72F; Conductive 70D /30F Polyester base	
<b>Surface resistivity</b>	10 <sup>8-9</sup> Ohm/sq. (42% RH.; 21°C)	DIN 54345
<b>Friction charges Electrication potential</b>	62V	JIS L1094-B
<b>Decay time</b>	+/-0,01 (42% RH.; 21°C) sec.	NFPA-99
<b>Air permeability</b>	1,9 cm <sup>2</sup> /sec.	JIS L 1096-A
<b>Tear strength</b>	Warp: 2,59kg Weft: 1,54kg	JIS L1096 6.15.5-D
<b>Tensile strength</b>	Warp: 100kg/5cm Weft: 63kg/5cm	JIS L1096 6.12-1A
<b>Half life</b>	2,5 sec.	JIS L1094-A
<b>Water vapor permeability</b>	11600 g/m <sup>3</sup>	JIS L1099-A1-1985
<b>Application</b>	Cleanroom class 10 and higher garments	

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