

# Fabric Technical Data Sheet / Tissue Fiche Technique



15 HaSatat St, Holon 58856, Israel • Tel: 972-3-550 9148 • Fax: 972-3-550 7969 • Web: kk-fabrics.com

## Fabric: CR1000

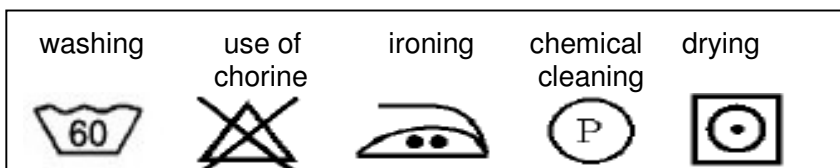
Description: Anti-static ESD fabric for clean room applications class 1000, 5mm grid.

Applications: ESD protection in clean rooms, work wear, filtration.

Specifications: N/A.

Technical characteristics		Value	Control method
Composition (%)		98% polyester 2% carbon fiber	
Width (cm)		150	
Weight (gr/sqm)		130	
Number of yarns (denier)	Warp	100	
	Weft	100	
Weave style		Twill 1/2	
Fabric thickness (mm)		~0.2	
Carbon fiber grid (mm)		5	
Tensile strength (N)	Warp	830	
	Weft	1580	
Tearing strength (gf)	Warp	4170	
	Weft	6000	
Shrinkage (%)	Warp	1	
	Weft	0	
Air permeability (cc/cm <sup>2</sup> /sec)		30	
Surface resistivity (ohm/unit)		10 <sup>5</sup> ~ 10 <sup>8</sup>	
Electrical potential (μC/m <sup>2</sup> )		0.3	
Friction charges (V)		<100	
Electrostatic dissipative time (sec)		0.02	
Decay time (sec)		0.5	
Particle generation (%)		60-80	
Color fastness (retention)		4-5	

### Care Symbols:



### Details and remarks: N/A.

We believe all the information in these pages including technical data to be reliable. However, we make no warranties expressed or implied and assume no liability regarding any use of this information.

Yail Noa's K&K Division preserves its right to alter the composition and materials used in manufacturing the product.