

# Material Specification

## DFC-0 (NON-PERMEABLE)



**MATERIAL:** Coloured, dirt-and water-repellant finish on surface. Material does not contain PVC, halogens, silicone or other harmful substances. The material is non-permeable.

**CONSTRUCTION:** DFC-0: Flame retardant Polyester fabric with PU coating.

Type		DFC-0	Standard
Weight (%) -/+5	g/m <sup>2</sup>	200	EN-ISO 5077
Thickness (%) -/+10	mm	0.23	EN-ISO 12127:1997
Permeability	m <sup>3</sup> /m <sup>2</sup> /h 120 Pa Tolerance (%)	0 -	EN-ISO 9237:1995
Tensile strength (%) -/+10	Warp / Weft N/50mm	1300 / 800	EN-ISO 13934-1
Resistance to tearing (%) -/+10	Warp/ Weft N	33 / 28	EN-ISO 13937:2
Production method Product contains silicone		Laser cut No	
Shrinkage in wash	(%) 40°C	-	EN-ISO 5077
Melting point	°C	170	
Operating temperature	°C	50 / 0 Max 90% RH	
Spontaneous ignition temperature	°C	-	
Water absorption	[%] at 90% RH	-	
Electrostatic resistance	Ohm/cm	1.7 x 10 <sup>11</sup>	DIN 54345
Clean room classification		N/A	ISO-14644-1
Fire resistance		B-S1-d0 N/A	EN-13501 NFP 92501-1

\*EA measurement \*\*Washed and dried according to Euro Air instructions

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