

► ORATEX® UL 600 & 6000 TECHNICAL DATA

ORATEX® UL 600 MK3

MTOW max. 600 Kg

ORATEX® 6000

MTOW max. 6000 Kg

BACKSIDE COATING	WITHOUT	WITH	WITHOUT	WITH
Material	Polyester fabric (plain weave) with colour coating		Polyester fabric (plain weave) with colour coating	
Weight of the uncoated fabric (DIN EN 12127)	64 - 74 g/m ²		110 - 118 g/m ²	
Weight of the coated fabric (DIN EN 12127)	90 - 130 g/m ²	110 - 140 g/m ²	ca. 140 - 190 g/m ²	150 - 210 g/m ²
Tensile strength lengthwise (DIN EN ISO 13934-1)	895 - 1250 N/50 mm	895 - 1250 N/50 mm	1530 - 1850 N/50 mm	1530 - 1850 N/50 mm
Tensile strength crosswise (DIN EN ISO 13934-1)	895 - 1250 N/50 mm	895 - 1250 N/50 mm	1530 - 1850 N/50 mm	1530 - 1850 N/50 mm
Breaking extension lengthwise (DIN EN ISO 13934-1)	10 - 20 %	10 - 20 %	15 - 25 %	15 - 25 %
Breaking extension crosswise (DIN EN ISO 13934-1)	12 - 22 %	12 - 22 %	15 - 25 %	15 - 25 %
Tear propagation load lengthwise (DIN EN ISO 13937-2)	8 - 18 N	8 - 18 N	16 - 45 N	16 - 45 N
Tear propagation load crosswise (DIN EN ISO 13937-2)	8 - 18 N	8 - 18 N	16 - 45 N	16 - 45 N
Burst strength (DIN EN ISO 13938-2)	1500 - 1900 kPa	1500 - 1900 kPa	2670 - 3050 kPa	2670 - 3050 kPa
Burst elevation (DIN EN ISO 13938-2)	8 - 12 mm	8 - 12 mm	8 - 14 mm	8 - 14 mm
Air permeability (DIN EN ISO 9237)	Airtight (0,0 mm/s)		Airtight (0,0 mm/s)	
Shrinkage lengthwise (170 °C) (DIN EN ISO 5077)	7 - 13 %	7 - 13 %	9 - 15 %	9 - 15 %
Shrinkage crosswise (170 °C) (DIN EN ISO 5077)	7 - 13 %	7 - 13 %	9 - 15 %	9 - 15 %
Inflammability (DIN EN ISO 6941)	not flammable	not flammable	not flammable	not flammable
Melting point	250 °C	250 °C	250 °C	250 °C



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