

ORATEX UL 600 MK2

Material: colour - coated polyester fabric (canvas bond)
Square weight - uncoated (DIN EN 12127): approx. 70 g/m²
Square weight - coated (DIN EN 12127): approx. 100 - 120 g/m² (depending on colour)
Material thickness (coated): approx. 110 - 130 µm
Tensile strength lengthwise (DIN EN ISO 13934-1): min. 620 N / 50 mm
Tensile strength crosswise (DIN EN ISO 13934-1): min. 580 N / 50 mm
Breaking extension lengthwise (DIN EN ISO 13934-1): approx. 30 %
Breaking extension crosswise (DIN EN ISO 13934-1): approx. 40 %
Tear propagation load lengthwise (DIN EN ISO 13937-2): min. 14 N (steady between -30°C to +50°C)
Tear propagation load crosswise (DIN EN ISO 13937-2): min. 9 N (steady between -30°C to +50°C)
Burst strength (DIN EN ISO 13938-2) : min. 420 kPa
Burst elevation (DIN EN ISO 13938-2): approx. 25 mm
Adhesion strength of the coating lengthwise (DIN 53357): min. 20 N
Adhesion strength of the coating crosswise (DIN 53357): min. 20 N
Shrinkage lengthwise (170 °C): approx. 7 %
Shrinkage crosswise (170 °C): approx. 5 %
Air permeability (DIN EN ISO 9237): airtight
Inflammability (DIN EN ISO 6941): /
Fusion point: 250 °C
more characteristics: fuel-resistant, can be painted

ORATEX UL 600 MK3

Material: colour - coated polyester fabric (canvas bond)
Square weight - uncoated (DIN EN 12127): approx. 60 g/m²
Square weight - coated (DIN EN 12127): approx. 90 - 120 g/m² (depending on colour)
Material thickness - coated: approx. 105 - 125 µm (depending on colour)
Tensile strength lengthwise (DIN EN ISO 13934-1): min. 800 N / 50 mm
Tensile strength crosswise (DIN EN ISO 13934-1): min. 650 N / 50 mm
Breaking extension lengthwise (DIN EN ISO 13934-1): approx. 12 %
Breaking extension crosswise (DIN EN ISO 13934-1): approx. 12 %
Tear propagation load lengthwise (DIN EN ISO 13937-2): min. 20 N
Tear propagation load crosswise (DIN EN ISO 13937-2): min. 20 N
Burst strength (DIN EN ISO 13938-2): min. 530 kPa
Burst elevation (DIN EN ISO 13938-2): approx. 17 mm
Adhesion strength of the coating lengthwise (DIN 53357): /
Adhesion strength of the coating crosswise (DIN 53357): /
Shrinkage lengthwise (170°C) (DIN EN ISO 5077): min. 10 %
Shrinkage crosswise (170°C) (DIN EN ISO 5077): min. 9 %
Air permeability (DIN EN ISO 9237): airtight
Inflammability (DIN EN ISO 6941): does not burn
Fusion point: 250 °C
More characteristics: fuel-resistant, can be painted

ORATEX 6000

Material: colour - coated polyester fabric (canvas bond)
Square weight - uncoated (DIN EN 12127) : approx. 100 g/m²
Square weight - coated (DIN EN 12127) : approx. 140 - 155 g/m² (depending on colour)
Material thickness - coated: approx. 150 - 175 µm (depending on colour)
Tensile strength lengthwise (DIN EN ISO 13934-1) : mind. 1300 N / 50 mm
Tensile strength crosswise (DIN EN ISO 13934-1) : mind. 1100 N / 50 mm
Breaking extension lengthwise (DIN EN ISO 13934-1) : approx. 15 %
Breaking extension crosswise (DIN EN ISO 13934-1) : approx. 15 %
Tear propagation load lengthwise (DIN EN ISO 13937-2): mind. 50 N (steady between -30°C to +50°C)
Tear propagation load crosswise (DIN EN ISO 13937-2): mind. 50 N (steady between -30°C to +50°C)
Burst strength (DIN EN ISO 13938-2): > 700 kPa
Burst elevation (DIN EN ISO 13938-2): > 17 mm
Adhesion strength of the coating lengthwise (DIN 53357): -
Adhesion strength of the coating crosswise (DIN 53357): -
Shrinkage lengthwise (170 °C) (DIN EN ISO 5077): mind. 10 %
Shrinkage crosswise (170 °C) (DIN EN ISO 5077): mind. 8 %
Air permeability (DIN EN ISO 9237): airtight
Inflammability (DIN EN ISO 6941): does not burn
Fusion point: 250 °C
More characteristics: fuel-resistant, can be painted