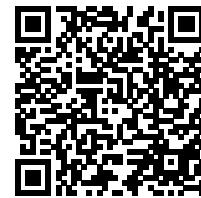


# Product Data Sheet Item No. 771M

## Flame-Retardant Fabric by the m<sup>2</sup>

### (Custom-Made)

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## TECHNICAL DATA

Available Colors	green, white, blue, black
Material	high tenacity polypropylene, flame-retardant, woven tight
Type of Textile	polypropylene monofilament
Mesh Size	1 x 1 mm
Production Tolerance	external dimensions: ± 2.5 cm
Shading	98%
Wind Reduction	98%
Edge Design	with reinforced and stitched edges all around (approx. 40 mm wide)
Eyelets	inside diameter Ø 16 mm, all around, with chosen spacing (standard every 50 cm)
Breaking Elongation of Filament	15%
Standards and Rules	DIN 4102 (B1, flame-retarding)
Continuous Operating Temperature	-40 to +80 °C
Melting Point	165 °C
Yarn Moisture Regain	0%
Tensile Strength Reduction Because Of Moisture	0%
Resistance to Weak/Strong Acids	very good/good
Resistance to Weak/Strong Alkalies	good/not good
Resistance to Organic Solvents	good
Resistance to Benzene and Greases	very good
Bending Strength & Abrasion Resistance	good
Weather-Resistance	good
UV-Resistance	250 kly
Tensile Strength After Two Years of Climatic Influences	90%
Elasticity After Years of Climatic Influences	good long-term flexibility, no elongation

<b>Flexibility When Used in Water</b>	stays flexible
<b>Contraction When Used in Water</b>	low contraction
<b>Contraction When Used Outside</b>	low contraction
<b>Behavior in High Heat / Fire</b>	melting
<b>Electrical Characteristics</b>	isolating, no electrical conductivity
<b>Customs Tariff No.</b>	95069990
<b>Area Density</b>	510 g/m <sup>2</sup>