



**STANDARD
100**
12.0.02466
Hohenstein HTTI

TECHNICAL DATA

Available Colors	black
Dimensions	3.00 x 50.00 m
Material	high tenacity polypropylene, knotless
Material Diameter	Ø 1.8 mm
Mesh Size	20 x 20 mm
Pose of Meshes	quadratic (square)
Mesh Connection	knotless braid
Edge Design	reinforced selvage cord of approx. 9 mm, incl. 4 thimbles on the corners (Ø approx. 50 mm)
Max. Tensile Strength of a Mesh	600 N
Tensile Breaking Force Referred to Density	7.0 cN/den
Breaking Elongation of Filament	15%
Certificate	Oeko-Tex®; certificate 12.0.02466
Continuous Operating Temperature	-40 to +80 °C
Melting Point	165 °C
Washing Temperature (max.)	30 °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	300 kly

Tensile Strength After Two Years of Climatic Influences	90%
Elasticity After Years of Climatic Influences	good long-term flexibility, little elongation
Flexibility When Used in Water	stays flexible
Contraction When Used in Water	low contraction
Contraction When Used Outside	no contraction
Behavior in High Heat / Fire	melting
Electrical Characteristics	isolating, no electrical conductivity
Customs Tariff No.	56081930
Area Density	130 g/m ²
Total Weight	19.50 kg