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Revision 2
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Quality NO:

R5442

TEXTILE TYPE	Woven polyester high strength geotextiles		
USES AND STANDARDS	 EN 13249 Roads  EN 13250 Railways  EN 13251 Earthworks/ Foundations  EN 13253 Erosion  EN 13254 Erosion Dams  EN 13255 Canals		
TENSILE STRENGTH	METHOD	RESULT	TOLERANCE (%)
	EN ISO 10319:2015		
Tensile strength (kN/m)	warp	≥72	-2kN/m
	weft	≥72	-2kN/m
Extension (%) at max load	warp	10	+/-2
	weft	10	+/-2
Strength (kN/m) at 2% extension	warp	12	+/-20
	weft	12	+/-20
Strength (kN/m) at 5% extension	warp	25	+/-20
	weft	35	+/-20
PORE SIZE O ₉₀ (µm)	EN ISO 12956:2010	90	+/-30
WATER PERMEABILITY	EN ISO 11058:2010		
Velocity Index (V _{H50})ms ⁻¹		0,004	
CBR PUNCTURE	EN ISO 12236:2006		
CBR Puncture resistance (kN)		8	-1,5
Plunger displacement (mm)		26	3
CONE DROP (Hole diameter-mm)	EN 918:1996	7	+4
INTENDED USE	 Filtration  Separation  Reinforcement		
ROLL DIMENSIONS	WIDTH	DIAMETER	LENGTH
	530cm	30cm	200m
CONTAINER LOAD			Weight
	40ft	97 520 m ²	92 ROLLS
	20ft	48 760 m ²	46 ROLLS
DURABILITY	EN 12960 - EN 12447 - EN 12225 - EN 12224 To be covered on the day of the installation Predicted to be durable for a minimum of 25 years in natural soils with 4 < pH < 9 and soils temperatures < 25°C		

The values given are indicative and correspond to average results obtained in our laboratories and testing institutes. The right is reserved to make changes without notice at any time