



XGRID PET C 0 400/50

Year of last update: 2024



Function: Reinforcement

STRUCTURE: Knitted grid from high-tenacity multifilament polyester yarns with black polymeric coating which can provide best resistance of UV and durability

PROPERTIES OF RAW MATERIAL

Raw material	PET	tol
Coating	polymeric	

MECHANICAL PROPERTIES

Strength resistance MD - TULT	EN ISO 10319	kN/m	≥ 400	
Elongation at max load MD	EN ISO 10319	%	10	+/-2,5
Strength resistance CMD	EN ISO 10319	kN/m	≥ 50	
Elongation at max load CMD	EN ISO 10319	%	11	+/-2,5
Long term design strength MD - TAL (*)	FHWA NHI-00-043	kN/m	221,14	

(120 years life, 20°, 5<pH<8, sand)

TYPICAL DIMENSIONS

Mesh dimensions MD/CMD	mm	16x29	+/-3
Roll width	m	4,15 - 5,25	+/-0,1
Roll length	m	100	+/-0,5

MD: Machine direction - longitudinal direction

CMD: Cross machine direction - transverse direction



The information given in this data sheet is to the best of our knowledge true and correct. TeMa srl reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.

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