



# XGRID PET C 0 350/50

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	≥ 350	
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	193,49	

(120 years life, 20°, 5<pH<8, sand)

## TYPICAL DIMENSIONS

Mesh dimensions MD/CMD	mm	18x29	+/-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



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