



# 4582-50

(StarGrid G-PS 50)

Style 4582-50 is a composite glass fiber grid bonded to a lightweight scrim fabric. We wish to advise that PetroGrid™ 4582-50 meets the following minimum average roll values (MARV) listed below:

Minimum Average Roll Values			
Property	Test Method	American Standard	Metric
Tensile Strength (at ultimate)	ASTM D 6637-01	285 / 285 lbs/in	50 kN/m
Ultimate Elongation	ASTM D 6637-01	3 +1 %	3 +1 %
Tensile Strength at 2% Strain	ASTM D 6637-01	140 lb/in	25 kN/m
Grid Junction Strength	GSI/GG-2	10 lbs	45 N
Peel Strength	ASTM-D-413	10 lbs/ft	146 N/m
Aperture Size <sup>1</sup> MD/XD (Typical value)	-	1.2 / 1.2 in	30 / 30 mm
Melting Point	ASTM D-276	Over 425° F	Over 218° C
Typical Values			
Property	Test Method	American Standard	Metric
Mass per unit area	ASTM-D-5261-92	7.5 oz/yd <sup>2</sup>	255 g/m <sup>2</sup>
Roll dimensions (width x length)	-	7.22 ft x 328.1 ft	2.20 m x 100m
Area	-	263.1 yd <sup>2</sup>	220 m <sup>2</sup>
Estimated roll weight	-	144 lbs	65 kg

<sup>1</sup> Centerline to Centerline.

PETROGRID™ values listed are a result of testing conducted in on-site laboratories in accordance with the manufacturer quality control procedures (QEP). This information will be supplied to Civil-Tex Geosynthetics' original customer of record at the time of paving composite shipment

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