

PetroGrid™

paving glass grid composite

4582-100

(StarGrid G-PS 100)

Style 4582-100 is a composite glass fiber grid bonded to a lightweight scrim fabric. We wish to advise that PetroGrid™ 4582-100 meets the following minimum average roll values (MARV) listed below:

Minimum Average Roll Values			
Property	Test Method	American Standard	Metric
Tensile Strength (at ultimate) MD/CD	ASTM D 6637-01	566 / 566 lbs/in	100 / 100 kN/m
Ultimate Elongation	ASTM D 6637-01	3 + - 1 %	3 + - 1 %
Tensile Strength at 2% Strain	ASTM D 6637-01	280 lb/in	50 kN/m
Grid Junction Strength	GSI/GG-2	18 lbs	80 N
Peel Strength	ASTM-D-413	10 lbs/ft	146 N/m
Aperture Size ¹ 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	13.8 oz/yd ²	470 g/m ²
Roll dimensions (width x length)	-	7.22 ft x 328 ft	2.2 m x 100 m
Area	-	263.1 yd ²	220 m ²
Estimated roll weight	-	247 lbs	112 kg

¹ 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

DATE ISSUED: 10/01/08

Exclusion of Liability

This publication should not be construed as engineering advice. While information contained in this publication is accurate to the best of our knowledge, Civil-Tex Geosynthetics does not warrant its accuracy or completeness. The only warranty made by Civil-Tex Geosynthetics for its products is set forth in our Certificate of Compliance that accompanies our shipment of the product, or such other written warranty as may be agreed by Civil-Tex Geosynthetics and individual customers. Civil-Tex Geosynthetics specifically disclaims all other warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or arising from provision of samples, a course of dealing or usage of trade.