



# 4582PF-100

(StarGrid G+PF 100)

Style 4582PF-100 is a composite glass fiber grid and paving fabric pavement interlayer. We wish to advise that PetroGrid™ 4582PF-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	285 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 <sup>1</sup> MD/XD (Typical value)	-	.80 / .80 in	20 / 20 mm
Melting Point	ASTM D-276	Over 425° F	Over 218° C
Nonwoven Paving Fabric <sup>2</sup>			
Grab Tensile	ASTM D-4632	101 lbs	450 N
Elongation	ASTM D-4632	50 %	50%
Asphalt Retention	ASTM D-6140	0.20 gal/yd <sup>2</sup>	0.90 l/m <sup>2</sup>
Mass per unit area	ASTM D-5261	4.1 oz/yd <sup>2</sup>	140 g/m <sup>2</sup>
Typical Values			
Property (Grid/Paving Fabric)	Test Method	American Standard	Metric
Mass per unit area	ASTM-D-5261-92	16 oz/yd <sup>2</sup>	550 g/m <sup>2</sup>
Roll dimensions (width x length)	-	12.5 ft x 131.2 ft	3.81 m x 40m
Area	-	182.2 yd <sup>2</sup>	154.2 m <sup>2</sup>
Estimated roll weight	-	185 lbs	84 kg

<sup>1</sup> Centerline to Centerline; <sup>2</sup> Meets AASHTO M-288-00

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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