



4582PF-50

(StarGrid G+PF 50)

Style 4582PF-50 is a composite glass fiber grid and paving fabric pavement interlayer. We wish to advise that PetroGrid™ 4582PF-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) –MD/CD | ASTM D 6637-01 | 285 / 285 lbs/in | 50 / 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 ¹ MD/XD (Typical value) | - | 1.2 / 1.2 in | 30 / 30 mm |
| Melting Point | ASTM D-276 | Over 425° F | Over 218° C |
| Nonwoven Paving Fabric ² | | | |
| Grab Tensile | ASTM D-4632 | 101 lbs | 450 N |
| Elongation | ASTM D-4632 | 50 % | 50% |
| Asphalt Retention | ASTM D-6140 | 0.20 gal/yd ² | 0.90 l/m ² |
| Mass per unit area | ASTM D-5261 | 4.1 oz/yd ² | 140 g/m ² |
| Typical Values | | | |
| Property (Grid/Paving Fabric) | Test Method | American Standard | Metric |
| Mass per unit area | ASTM-D-5261-92 | 10.3 oz/yd ² | 350 g/m ² |
| Roll dimensions (width x length) | - | 7.22 ft x 328.1 ft | 2.2 m x 100 m |
| Area | - | 263.1 yd ² | 220 m ² |
| Estimated roll weight | - | 190 lbs | 86 kg |

¹ Centerline to Centerline; ² 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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