

StrataTex HSR™ 600/50



StrataTex HSR™ is a next generation flexible polyester high performance geotextile used in soil reinforcement and other civil engineering applications. StrataTex HSR™ is manufactured using a high-grade polyester yarn with special high tenacity and low creep properties knitted into a stable network.

| | | Unit | HSR™ 600/50 |
|--|-----|-------------------|-------------|
| Mechanical properties | | | |
| Minimum ultimate tensile strength (ASTM D 4595 / EN ISO 10319) (min.) | MD | lbs/ft | 41,100 |
| | | kN/m | 600 |
| Minimum ultimate tensile strength (ASTM D 4595 / EN ISO 10319) (min.) | CMD | lbs/ft | 3,425 |
| | | kN/m | 50 |
| Elongation at minimum ultimate tensile strength (ASTM D 4595 / EN ISO 10319) (± 2%) | MD | % | 10 |
| | | | CMD |
| Creep reduction factor (at 20°C, 120 years design life) | | | 1.4 |
| Creep limited strength (min.) | | lbs/ft | 29,357 |
| | | kN/m | 428.6 |
| Physical properties | | | |
| Roll width | | ft | 17 |
| | | m | 5 |
| Roll length | | ft | 328 |
| | | m | 100 |
| Roll area | | sq. yd | 622 |
| | | m ² | 520 |
| Mass per unit area (± 10%) | | oz/sq. yd | 30 |
| | | gm/m ² | 1020 |

Notes

- MD = machine direction / CMD = cross machine direction.
- The above properties might change at the time of the manufacturing, storing, handling or shipping.
- The above values are subject to change as per the discretion of the company.
- Varying roll widths can be provided on order 5.2m / 5.8m
- Customised rolls with varying lengths of 50m/100m/200m or master rolls can be manufactured on order.
- Tested in GAI-LAP and NABL accredited laboratories



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CE

