

Technical Data Sheet

NADTEX – 315ST



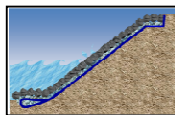
100% Woven Polypropylene Geotextile High Tensile Strength



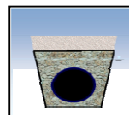
Road



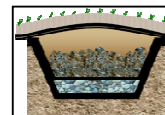
Railroad



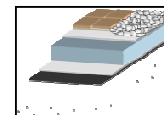
Coastal



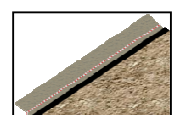
Pipeline



Landfill



Roofing



Slope

| Properties | | Standard | | Unit | Mean Values (Applied Tolerances) |
|-----------------------------|--------|-------------|------------|-------------------|-------------------------------------|
| AASHTO Class M288-22 | | | | | |
| MECHANICAL | | | | | |
| Grab Tensile Strength | | ASTM D 4632 | | lbs | 315 |
| Grab Elongation | | ASTM D 4632 | | % | 15 |
| CBR Puncture | | ASTM D 6241 | | lbs | 900 |
| Trapezoidal Tear | | ASTM D 4533 | | lbs | 120 |
| HYDRAULIC | | | | | |
| Apparent Opening Size | | ASTM D 4751 | | mm | 0.425 |
| Permittivity | | ASTM D 4491 | | Sec ⁻¹ | 0.05 |
| ENDURANCE | | | | | |
| UV Resistance @ 500 hrs. | | ASTM D 4355 | | % | 70 |
| ROLL DIMENSIONS | | | | | ROLL AREA |
| Width | ft (m) | 12.5 (3.8) | 15 (4.5) | 17.5 (5.3) | 500 yd ² |
| Length | ft (m) | 360 (109.7) | 300 (91.7) | 258 (78.6) | 418 m ² |

TECHNICAL NOTES:

- 1- The rights are reserved to modify the present data sheet without prior notice.
- 2- Values shown are in weaker principal directions. Minimum average roll values (MARV) are calculated as the average minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported. Values represent testing at time of manufacture.
- 3- It is the responsibility of all users to satisfy themselves that the above data is current.
- 4- The stated properties are mean values of the appropriate tests derived over the period.
- 5- These figures are related to standard products, weights, and roll sizes. Other weights, sizes, and colors may be available on request.
- 6- This data sheet supersedes any other previously issued datasheet.

Issue: 01 / 04.10.2022