



TITAN
R20DDK
SKRIM

| PROPERTIES | TEST METHOD | TITAN SKRIM R20DD | |
|-----------------------------|-------------------|--|-----------------------------|
| | | English | Metric |
| Appearance | | Gray/Gray | |
| Thickness, Nominal | | 20 mil | 0.51 mm |
| Weight | | 74 lbs/MSF | 33.5 kg/MSF |
| Construction | | **Extrusion laminated with scrim reinforcement | |
| 1" Tensile Strength | ASTM D7003 | 70 lbf. | 311 N |
| Grab Tensile | ASTM D7004 | 114 lbf. | 507 N |
| Elongation at Peak Strength | ASTM D7003 | 23% | 23% |
| Elongation at Break | ASTM D7003 | 750% | 750% |
| *Trapezoid Tear | ASTM D4533 | 90 lbf. | 400 N |
| Hydrostatic Resistance | ASTM D751 | 136 psi | 938 kPa |
| Maximum Use Temperature | | 180°F | 82°C |
| Minimum Use Temperature | | -70°F | -57°F |
| Puncture | ASTM D4833 | 33 lbf. | 147 N |
| Permeability | | | |
| WVTR | ASTM E96 Method A | 0.023 g/100in ² /day | 0.354 g/m ² /day |
| Perm Rating | ASTM E96 Method A | 0.052 U.S. Perms | 0.034 Metric Perms |

*Tests are an average of diagonal directions

****TITAN SKRIM R20DD** is a gray/gray four layer reinforced laminate containing no adhesives. The outer layers consist of high-strength, polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications of three or more years. **TITAN SKRIM R20 DD** is reinforced with 1000 denier (minimum) scrim reinforcement laid in a diagonal pattern spaced 3/8 " apart with an additional machine direction scrim every 3" across the width. The individual plies are laminated together with molten polyethylene.

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