



Western Industries Inc.

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DURA♦SKRIM 8, 12, 20 MIL

| PROPERTIES | TEST METHOD | 8BB SCRIM REINFORCED | | 12BB SCRIM REINFORCED | | R20WW SCRIM REINFORCED | |
|---|-------------------------|--|-------------------------------|---------------------------------------|-------------------------------|---|---|
| | | Imperial | Metric | Imperial | Metric | Imperial | Metric |
| APPEARANCE | | Black/Black or White/Black | | Black/Black or White/Black | | White/White | |
| THICKNESS, NOMINAL | | 8 mil | 0.20 mm | 12 mil | 0.30 mm | 20 mil | 0.51 mm |
| WEIGHT | | 38 lbs/MSF 5.5 oz./yd ² | 185 g/m ² | 58 lbs/MSF 8.4 oz./yd ² | 283 g/m ² | 97 lbs/MSF 14 oz./yd ² | 475 g/m ² |
| CONSTRUCTION | | Extrusion laminated with scrim reinforcement | | | | | |
| *TENSILE STRENGTH lbf/in.(N/cm) | ASTM D 7003 | 60 lbf | 105 N | 64 lbf | 112 N | 84 lbf | 147 N |
| *ELONGATION AT BREAK | ASTM D 7003 | 600% | 600% | 650% | 650% | 800% | 800% |
| *ELONGATION AT PEAK STRENGTH | ASTM D 7003 | | | | | 23% | 23% |
| *GRAB TENSILE | ASTM D 7004 | 80 lbf | 356 N | 100 lbf | 445 N | 143 lbf | 636 N |
| **TONGUE TEAR | ASTM D 5884 | 30 lbf | 133 N | 40 lbf | 178 N | 64 lbf | 285 N |
| *TRAPEZOID TEAR | ASTM D 4533 | | | | | 95 lbf | 423 N |
| CBR PUNCTURE RESISTANCE | ASTM D 6241 | 240 lbf | 1068 N | 290 lbf | 1290 N | 357 lbf | 1588 N |
| MULLEN BURST RESISTANCE | ASTM D 751 | 70 psi | 482 kPa | 100 psi | 689 kPa | 165 psi | 1138 kPa |
| MAXIMUM USE TEMPERATURE | | 180°F | 82°C | 180°F | 82°C | 180°F | 82°C |
| MINIMUM USE TEMPERATURE | | -70°F | -57°C | -70°F | -57°C | -70°F | -57°C |
| WVTR | ASTM E96 | 0.030 g/100in ² /day | 0.46 g/m ² /day | 0.023 g/100in ² /day | 0.35 g/m ² /day | 0.010 g/100in ² /day | 0.16 g/m ² /day |
| PERMS Grains/(ft ² ·hr·in·Hg) (g/(24hr·m ² ·mm Hg)) | ASTM E96 Procedure B | 0.066 Perms | (0.044) Perms | 0.051 Perms | (0.034) Perms | | |
| PERMRATING | ASTM E96 Procedure A | | | | | 0.022 Perms grains/(ft ² ·hr·in·Hg) | 0.015 Perms g/(24hr·m ² ·m m Hg) |

*Tests are an average of diagonal directions. ** Tests are an average of MD & TD directions.

Sheet Contents:

The data listed on this data sheet is representative of initial production runs. These values may be revised at any time without notice as additional test data becomes available.