

| FACING COMPOSITION | DESCRIPTION | VALUES(ENGLISH) | VALUES(METRIC) |
|-----------------------------|--|--------------------------------------|-------------------------------------|
| Foil | Aluminum | 0.00026 inch | 6.5µm |
| Adhesive | Adhesive | | |
| Reinforcing | Fiberglass | | |
| Kraft | Natural | 43 lbs / 3000 ft ² | 70g/ m ² |
| Adhesive | Adhesive | | |
| Foil | Aluminum | 0.00026 inch | 6.5µm |
| PHYSICAL PROPERTIES | TEST METHOD | VALUES(ENGLISH) | VALUES(METRIC) |
| Basis Weight | Scale | 25 lbs /1000 ft ² | 122 g/ m ² |
| Permeance (WVTR) | ASTM E96/Procedure A | 0.02 perm | 1.15ng/N.s |
| Tensile Strength | ASTM C1136 | 57 lbs/inch (MD) 41 lbs/inch (XD) | 9.9kN/m (MD) 7.2kN/m (XD) |
| Thickness | Micrometer Caliper | 0.009 inch | 230 micron |
| Fire Rating | ASTM E84 | Class A | Class A |
| Accelerated Aging | ASTM C1258 30 Days @ 95% RH, 120°F (49°C) | No Corrosion No Delamination | No Corrosion No Delamination |
| Low Temperature Resistance | ASTM D1790 -40°F(-40°C) | Remains Flexible No Delamination | Remains Flexible No Delamination |
| High Temperature Resistance | 4 hours @ 240°F(116°C) | Remains Flexible No Delamination | Remains Flexible No Delamination |
| Water Immersion | 24 hours @ 73°F (23°C) | No Delamination | No Delamination |
| Dimensional Stability | ASTM D1204 | 0.25% | 0.25% |
| Emissivity | ASTM E408 | 0.03 | 0.03 |

TECHNICAL SERVICES

Technical information and detailed test results can be obtained by emailing the manufacturer at info@arksynthetics.com Tel: 778 325 1557

