



| FACING COMPOSITION | DESCRIPTION         | VALUES(ENGLISH)            | VALUES (METRIC)      |
|--------------------|---------------------|----------------------------|----------------------|
| Foil               | Aluminum            | 0.0003 inch                | 7.6 micron           |
| Barrier Coating    | Elastomeric Polymer | 0.0001 inch                | 2.5 micron           |
| Reinforcing        | Tri-Directional     | 12 inch (MD)               | 8/100 mm (MD)        |
|                    | Fiberglass          | 3 inch (XD)                | 12/100 mm (XD)       |
| Adhesive           | Emulsion            |                            |                      |
| Kraft              | Natural             | 30 lbs/3000ft <sup>2</sup> | 49 gm/m <sup>2</sup> |

| PHYSICAL PROPERTIES         | TEST METHOD            | VALUES(ENGLISH)                  | VALUES(METRIC)        |
|-----------------------------|------------------------|----------------------------------|-----------------------|
| Basic weight                | Scale                  | 19 lbs/1000ft                    | 293 gm/m <sup>2</sup> |
| Permanence(Wvtr)            | ASTM E96               | 0.02perm                         | 1.15 ng/N*S           |
|                             | Procedure A            | (grains/hr*ft <sup>2</sup> inHg) |                       |
| Bursting Strength           | ASTM D774              | 40 psi                           | 298 Kg/m <sup>2</sup> |
| Puncture Resistance         | ASTM C1136             | 25 beach units                   | 0.7 Joules            |
| Tensile Strength            | ASTM C1136             | 40 lbs inch width (MD)           | 7.0 kn/m (MD)         |
|                             |                        | 25 lbs inch width (XD)           | 4.4 kn/m (XD)         |
| Caliper/Thickness           | Micrometer             | 0.0008 inch                      | 203 microns           |
| Accelerated Aging           | 30days @               | No Corrosion                     | No Corrosion          |
|                             | 95%Rh, 120°F (49°C)    | No Delamination                  | No Delamination       |
| Low Temperature Resistance  | ASTM D1790             | Remains Flexible                 | Remains Flexible      |
|                             | -40°F (-40°C)          | No Delamination                  | No Delamination       |
| High Temperature Resistance | 4hours @               | Remains Flexible                 | Remains Flexible      |
|                             | 240°F (116°C)          | Delamination                     |                       |
| Water Immersion             | 24 hours @ 73°F (23°C) | No Delamination                  | No Delamination       |
| Mold Resistance             | ASTM                   | No Growth                        | No Growth             |
| Dimensional Stability       | ASTM D1204             | 0.25%                            | 0.25%                 |
| Emissivity                  | ASTM E408              | 0.03                             | 0.03                  |

| FIRE TESTING |              |                 |  |
|--------------|--------------|-----------------|--|
|              | ASTM E84     |                 | British Standard 476<br>Parts 6 And 7<br>Summary Report<br>Class 0 Surface |
|              | Flame Spread | Smoke Developed |  |
| Foil Exposed | 0            | 0               |  |

Physical properties based upon statistical averages, Weight /Thickness +/-10%

Líderes en Aislamientos Industriales