

# TE-PVC 20

## 20mil POLYVINYL CHLORIDE LINER



| TESTED PROPERTY  | TEST METHOD          | UNIT<br>ENGLISH (METRIC)            | VALUE<br>ENGLISH (METRIC)   |
|--|----------------------|-------------------------------------|-----------------------------|
| Thickness  | ASTM D 5199          | mil (mm)                            | 20 ± 1 (0.51 ± 0.03)        |
| Tensile Properties:<br>Strength at Break<br>Elongation<br>Modulus @ 100% | ASTM D 882 Min       | lbs/in (kN/m)<br>%<br>lbs/in (kN/m) | 48 (8.4)<br>360<br>21 (3.7) |
| Tear Strength  | ASTM D 1004 min      | lbs (N)                             | 6 (27)                      |
| Dimensional Stability  | ASTM D 1204 Max Chg  | %                                   | 4                           |
| Low Temperature Impact   | ASTM D 1790 Pass     | °F (°C)                             | -15 (-26)                   |
| INDEX PROPERTIES   |                      |                                     |                             |
| Specific Gravity   | ASTM D 792 Typical   | g/cc                                | 1.2                         |
| Water Extraction % loss (max)  | ASTM D 1239 Max Loss | %                                   | 0.15                        |
| Average Plasticizer Molecular Weight                                     | ASTM D 2124          |                                     | 400                         |
| Volatility Loss  | ASTM D 1203 Max loss | %                                   | 0.9                         |
| Soil Burial:<br>Break Strength<br>Elongation<br>Modulus @ 100%           | G 160 max chg        | %<br>%<br>%                         | 5<br>20<br>20               |
| Hydrostatic Resistance   | ASTM D 751 min       | psi (kPa)                           | 68 (470)                    |
| SEAM STRENGTHS   |                      |                                     |                             |
| Shear Strength   | ASTM D 882 min       | lbs/in (kN/m)                       | 38.4 (6.7)                  |
| Peel Strength  | ASTM D 882 min       | lbs/in (kN/m)                       | 12.4 (2.2)                  |

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### TITAN ENVIRONMENTAL USA

Phone: 1-713-849-1311 | Email: [info@titanenviro.com](mailto:info@titanenviro.com) | Web: [www.titanenvirousa.com](http://www.titanenvirousa.com)

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