

# TE-PVC 40

40MIL POLYVINYL CHLORIDE LINER



| TESTED PROPERTY  | TEST METHOD          | UNIT ENGLISH (METRIC)               | VALUE ENGLISH (METRIC)       |
|--|----------------------|-------------------------------------|------------------------------|
| Thickness  | ASTM D 5199          | mil (mm)                            | 40 ± 2 (1.02 ± 0.05)         |
| 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) | 97 (17.0)<br>430<br>40 (7.0) |
| Tear Strength  | ASTM D 1004 min      | lbs (N)                             | 10 (44)                      |
| Dimensional Stability  | ASTM D 1204 Max Chg  | %                                   | 3                            |
| Low-Temperature Impact   | ASTM D 1790 Pass     | ° F (° C)                           | -20 (-29)                    |
| INDEX PROPERTIES   |                      |                                     |                              |
| Specific Gravity   | ASTM D 792 Typical   | g/cc                                | 1.2                          |
| Water Extraction % loss (max)  | ASTM D 1239 Max Loss | %                                   | 0.20                         |
| Average Plasticizer Molecular Weight                                     | ASTM D 2124          |                                     | 400                          |
| Volatility Loss  | ASTM D 1203 Max loss | %                                   | 0.5                          |
| Soil Burial:<br>Break Strength<br>Elongation Modulus @ 100%              | G 160 max chg        | %<br>%<br>%                         | 5<br>20<br>20                |
| Hydrostatic Resistance   | ASTM D 751 min       | psi (kPa)                           | 120 (830)                    |

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## Titan Environmental Containment

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Rev. August 2023