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## PROTECT PL MIL-PRF-131 Class I Data Sheet

**Barrier Material: Watervaporproof, Greaseproof, Flexible, Heat-Sealable**  
**Structure description: OPP/PE/Foil/PE**

### PHYSICAL PROPERTIES

| PROPERTY                            | TYPICAL VALUES       | UNITS                                       | TEST METHOD  |
|-------------------------------------|----------------------|---|--------------|
| <b>Caliper</b>                      | 3.2                  | mil   | ASTM D2103   |
| <b>Puncture Resistance</b>          | 18                   | lbs   | MIL STD 3010 |
| <b>Tensile Strength</b>             | 20                   | lbs/in                                      | ASTM D882    |
| <b>Breaking Strength</b>            | 70                   | lbs (Grab Mthd)                             | MIL STD 3010 |
| <b>OTR</b>                          | 0.0005               | cc/100 in <sup>2</sup> /day<br>@0% RH, 23°C | ASTM D3985   |
| <b>WVTR</b>                         | 0.0005               | g/100 in <sup>2</sup> /day<br>@ 90% RH 40°C | ASTM F1249   |
| <b>Seal Strength</b>                | 10                   | lbs/in                                      | ASTM F88     |
| <b>Suggested Sealing Conditions</b> | 400°F, 40psi, 1.0sec |   |              |

*Disclaimer:*

*The data presented refers to typical values only and should serve only as a guide and does not encompass normal variability or constitute any warranty. We urge purchasers to conduct tests for suitability in their specific end use.*