

MILITARY SPEC

FILM DATA SHEET

MS585

Exterior

| | |
|--|--------------|
| | Tyvek |
| | .000285 Foil |
| | LLDPE |



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MIL SPECIFICATION
Film: MIL PRF 131 C1
Pouch: MIL DTL 117 T1 CE S1

Barrier Material: Water vapor proof, Greaseproof, Flexible, Heat-Sealable, Class 1

Application:

This Heavy Duty white film is one of the strongest mil spec films that Shannon carries. The Tyvek exterior layer provides the strength, the foil layer provides the barrier, and the Poly layer enables it to be heat-sealable. It is typically specified for large bags that must carry a heavy load. The film does not stretch and is very strong. This film conforms to FDA regulations Part 177.1520 CFR 21.

Converting:

Film is converted in many ways: 2-seal pouch, 3-seal pouch, stand up pouch and tubing. Features include: recloseable zipper, tear notch, round hang hole, and sombrero hang hole.

Physical Properties:

| PROPERTIES | TEST METHOD | UNIT OF MEASURE | TYPICAL VALUE |
|------------|-------------|---|---------------|
| Caliper | | mils | 8.5 |
| Yield | | Sq.In/LB | 4885 |
| MVTR | ASTM F1249 | g/100 in ² /Day @ 90% RH 40° C | .0006 |
| OTR | ASTM D3985 | Cc/100 sq. in./24 hrs | .0006 |
| Burst | TAPPI T403 | psi | 142 |
| Tensile MD | TAPPI T494 | lbs. At break | 40 |
| Tensile CD | TAPPI T494 | lbs. At break | 38 |
| Tear MD | TAPPI T414 | lbs. At break | 45 |
| Tear CD | TAPPI T414 | lbs. At break | 55 |

Suggested Sealing Conditions: 400°F, 40psi, 2.0 sec

The values indicated in this document are the results of tests made in compliance with the normal standards. They are given as an indication and should be considered as average values and given without any obligation on our part. This data was provided directly to Shannon from our film supplier.