



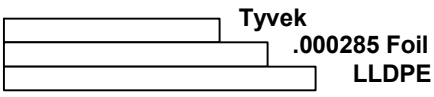
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MS 585

MILITARY SPEC

Film Data Sheet

Exterior



Tyvek

.000285 Foil

LLDPE

Interior

Marvel Seal 585

Physical Description:
 Laminated Tyvek, Foil and Polyethylene

MIL Specification:

Film MIL PRF 131 C1 TFP

Pouch: MIL DTL 117 T1 CE S1 - TFP

Application:

This film is the strongest mil film that is carried. 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:

It is usually converted into sheeting, tubing, 2-seal pouches, and 3-seal pouches.

Physical Properties:

| PROPERTIES | TEST METHOD | UNIT OF MEASURE | TYPICAL VALUE |
|------------|-------------|---------------------------------|---------------|
| Caliper | TAPPI T411 | mils | 8.5 |
| Yield | | sq.In/Lb | 4885 |
| MVTR | ASTM F1249 | gms/100 ² in./24 hrs | 0.0006 |
| OTR | ASTM 3985 | CC/100 ² in./24 hrs | 0.0006 |
| 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 |