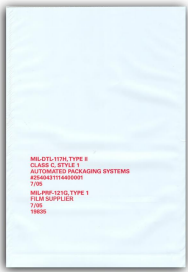


Military Specification Packaging Film (MLT1, 2)



MLT1 and MLT2 are waterproof and greaseproof bagging materials that conform to MIL-DTL-117H as Type II, Class C, Styles 1 or 2; MIL-PRF-121G (opaque); and MIL-PRF-22191E (clear) specifications. These co-extruded films have excellent barrier properties, are extremely strong, and have a sealant layer that facilitates high quality seals on Autobag® packaging machinery.

Genuine Autobag MLT1 and MLT2 bags-on-a-roll are a cost effective alternative to kraft paper bags. MLT bags are system-matched and guaranteed to run on Autobag baggers and integrated systems.

User Benefits

- Mil spec compliance
- Excellent barrier properties
- Superior strength with high integrity side seals

Typical Applications

- Government/Military Packaging
- Waterproof or Greaseproof Packaging
- O-rings, Seals and Other Packings
- Food Packaging
- Any application requiring low MVTR and OTR

Technical Specifications

Compliances MLT1: MIL-DTL-117H, Type II Class C, Style 1 (opaque)
MIL-PRF-121G (opaque)

FDA 21 CFR 177.1350 & FDA 21 CFR 177.1520

Compliances MLT2: MIL-DTL-117H, Type II Class C, Style 2 (clear)
MIL-PRF- 22191E (clear)

FDA 21 CFR 177.1350 & FDA 21 CFR 177.1520

Press Printing: Yes

Imprinting: Yes

Trim Seal: No

Mil Thickness: 4.0

Configuration: Autobag with restrictions

Please note: Requires high integrity side seals (HIS) and no holes in the bag for mil spec compliance.

| Performance Data: | U/M | 4.0 mil | ASTM |
|----------------------------|----------------------------|--------------------------|--------------|
| Haze | - % | MLT1=Opaque MLT2=17.4 | D-1003 |
| Puncture Resistance (Dart) | Grams | >841 | D-1709 |
| Tensile Strength MD | psi | 4080 | D-882 |
| Tensile Strength TD | psi | 4025 | D-882 |
| Elongation MD | % | 660 | D-882 |
| Elongation TD | % | 715 | D-882 |
| Elmendorf Tear MD | grams | 379 | D-1922 |
| Elmendorf Tear TD | grams | 643 | D-1922 |
| OTR | cc/100in ² /day | 2.65 | D-3985/Mocon |
| MVTR | g/100in ² /day | 0.22 | F-1249/Mocon |



Above chart reflects nominal test values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect MLT1 & 2 materials only. Certain minimum purchase volumes may apply.

MIL
4.0

MLT1
MLT2

00095687 007



machines — **materials** — **service**

s y s t e m s a d v a n t a g e

AUTOMATED PACKAGING SYSTEMS, INC.
10175 Philipp Parkway • Streetsboro, Ohio 44241

Tel: 330-342-2000 • Toll Free: 1-888-AUTOBAG • Fax: 330-342-2400 • www.autobag.com