

Military Specification Packaging Film (MLT1)

MLT1 material is a waterproof and greaseproof bagging material that conforms to MIL-DTL-117H as Type II, Class C, Style 1: MIL-PRF-121G (opaque) specifications. This co-extruded film has excellent barrier properties, is extremely strong and has a sealant layer that facilitates high quality seals on Autobag® packaging machinery.

Genuine Autobag MLT1 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.

Technical Information

Compliances	MIL-DTL-117H, TYPE II CLASS C, SYLE 1 (OPAQUE) MIL-PRF-121G (OPAQUE) 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

Performance Data:	U/M	4.0 mil	ASTM
Haze	%	MLT1=Opaque	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

Formulation

• MTL1



Features & Benefits

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

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



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect MTL1 material only. Certain minimum purchase volumes may apply.