

DuraClear 2000™ Enhanced Linear Low Density Polyethylene (DC21)

DC21 is an enhanced linear low density film designed to meet military specification MIL-DTL-117H Type III Class B.

DC21 is manufactured with extra tight tolerances that add strength and waterproof properties to the bag. The material is heat-sealable and easily printable for product identification and branding.

Genuine Autobag® bags-on-a-roll and SidePouch® bags-in-a-box are system-matched and guaranteed to run on Automated Packaging Systems' equipment.

Technical Information

Compliances	FDA 21 CFR 177.1350 FDA 21 CFR 117.1520 MIL-DTL-117H TYPE III CLASS B
Press Printing	Yes
Imprinting	Yes
Trim Seal	Yes
Bag Mil Thickness	3.9 ± 10%
Bag Configurations	Autobag; SidePouch with restrictions

Performance Data:	U/M	3.9/MT	ASTM
Haze	%	18.9	D-1003
Puncture Resistance (Dart)	grams	540	D-1709
Tensile Strength MD	psi	4179	D-882A
Tensile Strength TD	psi	3479	D-882A
Elongation MD	%	723	D-882A
Elongation TD	%	731	D-882A
Elmendorf Tear MD	grams	1508	D-1922
Elmendorf Tear TD	grams	2094	D-1922
OTR	cc/100in ² /day	110	D-3985
MVTR	g/100in ² /day	0.214	F-1249

Formulations

• DC21



Features & Benefits

- Meets MIL-DTL-117H Type III Class B specifications
- Good clarity
- High strength



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect DC21 material only. Certain minimum purchase volumes may apply.

888-AUTOBAG info@autobag.com autobag.com

Automated Packaging Systems, Inc. 10175 Philipp Parkway, Streetsboro, Ohio 44241

Patent(s): www.autobag.com/patents

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