

Low Density Polyethylene (CLE)



Clear Polyethylene (CLE) is one of the most popular films manufactured by Automated Packaging Systems, and is available in either Autobag® or SidePouch® configurations. Its strength and clarity make CLE ideal for many industrial and retail applications.

CLE has excellent printing characteristics and processes well both in converting and loader applications. CLE is available in white (WHT), clear-white combo (CWT) and clear-black combo (CBLK).

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

User Benefits

- Easily Processed
- Versatility
- Good Clarity and Strength
- Optional resealable tape available

Typical Applications

- Automotive
- Medical
- Food
- Crafts
- Any application where superior clarity is required

Technical Specifications

Compliances: FDA 21 CFR 177.1350 (CLE/CBLK only)
 FDA 21 CFR 177.1520 (CLE only)
 MIL-DTL-117H TYPE III CLASS B (ST ONLY)

Press Printing: Yes

Imprinting: Yes

Trim Seal: Yes

Mil Thickness: 1.5, 2.0, 3.0, 4.0

Configuration: Autobag; and SidePouch with restrictions

Performance Data:	U/M	1.5/ LD	2.0/ SD	3.0/ ET	4.0/ ST	ASTM
Haze	%	7.54	8.94	11.9	15.4	D-1003
Puncture Resistance (Dart)	grams	130	165	265	460	D-1709
Tensile Strength MD	psi	4155	3843	3532	3154	D-882A
Tensile Strength TD	psi	3109	3071	2966	2752	D-882A
Elongation MD	%	383	445	621	652	D-882A
Elongation TD	%	624	648	755	756	D-882A
Elmendorf Tear MD	grams	229	297	529	646	D-1922
Elmendorf Tear TD	grams	807	947	1302	1609	D-1922
OTR	cc/100in ² /day	292	249	161	105	D-3985
MVTR	g/100in ² /day	0.6	0.48	0.31	0.22	F-1249



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

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

The use of the ® or ™ symbol indicates that Automated Packaging Systems, Inc. has registered or is otherwise claiming trademark rights in the United States. These marks may also be registered in other countries and common law rights may apply in countries where such rights are recognized.

MIL

1.5

2.0

3.0

4.0

CLE

WHT

CWT

CBLK

00095687 007

