Automated
PACKAGING SYSTEMS

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), clear-black combo (CBLK) and clear-gray combo (CLGY).

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.

MIL	CLE
1.5	WHT
2.0	CWT
3.0	CBLK
4.0	CLGY

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.

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