

DuraClear™ 2000 Enhanced Linear Low Density Polyethylene (DC2)



DuraClear 2000 (DC2) is a strong, durable material ideal for multiple applications. DC2 provides a measurable increase in strength while reducing non-productive properties found in other bag materials. DC2 is easy to work with, providing seamless changeovers and higher productivity. DC2 is also available in a clear-white combo (CWDC) and white (WDC2).

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

- High Productivity
- Flexible Options
- Good Clarity & Strength

Typical Applications

- Automotive
- Medical
- Food
- Retail
- Crafts

Technical Specifications

Compliances: FDA 21 CFR 177.1350
 FDA 21 CFR 177.1520
 MIL-DTL-117H TYPE III Class B (MT only)

Press Printing: Yes

Imprinting: Yes

Trim Seal: Yes

Mil Thickness: 1.09, 1.32, 1.54, 2.0, 2.8, 3.9

Configuration: Autobag; and SidePouch with restrictions

Performance Data:	U/M	1.09/ UL	1.32/ LD	1.54/ SD	2.0/ ET	2.8/ ST	3.9/ MT	ASTM
Haze	%	10.1	10.4	10.7	14.2	18.2	18.9	D-1003
Puncture Resistance (Dart)	grams	195	210	233	310	395	540	D-1709
Tensile Strength MD	psi	4960	4669	4631	4332	4303	4179	D-882A
Tensile Strength TD	psi	3744	3731	3700	3664	3554	3479	D-882A
Elongation MD	%	507	536	540	545	613	723	D-882A
Elongation TD	%	611	619	634	655	674	731	D-882A
Elmendorf Tear MD	grams	269	315	374	585	988	1508	D-1922
Elmendorf Tear TD	grams	865	926	939	1162	1418	2094	D-1922
OTR	cc/100in ² /day	389	349	324	224	172	110	D-3985
MVTR	g/100in ² /day	.719	.70	.616	.443	.326	.214	F-1249



Above chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect DC2 material only. Certain minimum purchase volumes may apply.

MIL

DC2

WDC2

CWDC

1.09

1.32

1.54

2.0

2.8

3.9

00095687 007



machines

materials

service

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

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