

DGL GEL-FILM PRODUCT INFORMATION

Technical Datasheet

LAYOUT

POLYCARBONATE COVERSHEET	5.0 +/- 0.1 mils
"PROCESS B" GEL MATERIAL	See Gel Thickness Table
POLYETHYLENE SUBSTRATE	4.0 +/- 0.1 mils

Gel Tack Thickness Table

Tack level	1.5mil	3.0mil	6.5mil	8.0mil	17.0mil
XT	X		X		
X0/XL	X		X		
X4	X	X	X		X
X6		X	X		
X8			X	X	X

Gel Material Thickness Specification

Gel Material	Nominal Thickness (Gel)	Nominal Working Thickness (Gel + Substrate)
1.5 mil	1.7 mils +/- 0.3	6.7 mils +/- 0.4
3.0 mil	3.0 mil +/- 0.4	8.0 mil +/- 0.5
6.5 mil	*6.5 mils +/- 0.6	11.5 mils +/- 0.7
8.0 mil	8.0 mil +/- 0.7	13.0 mil +/- 0.8
17.0 mil	17.0 mils +/- 0.9	22.0 mils +/- 1.0

* Nominal Gel thickness for 6.5 mil XT, X0, X4, X6 Tack is 6.3 mils and X8 Tack is 7.0 mils.

NOTES

1. Top Polycarbonate Coversheet is removed prior to use.
2. The "Process B" Gel material is easily separated from the Polyethylene Substrate. Reference Application Note AN017 regarding best practices for use of DGL Gel-Film.
3. Optional Polyester Substrate (5 mil nominal thickness) is available.



ENVIRONMENTAL COMPATIBILITY

- “Process B” Gel Material Operating Temperature: -40°C to 220°C
- Shipping/Storage Temperature: -10°C to 50°C
- Shelf Life: Minimum 2 years