

**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 Retention Thickness Table**

Retention Level	1.5 mil	3.0 mil	6.5 mil	17.0 mil
XT	X		X	
X0/XL	X		X	
X4	X		X	X
X6		X	X	
X8			X	X

**Gel Material Thickness Specification**

Gel Material	Nominal Gel Thickness
1.5 mil	1.7 mils +/- 0.4
3.0 mil	3.0 mil +/- 0.3
6.5 mil	*6.5 mils +/- 1.3
17.0 mil	17.0 mils +/- 3.4

\*Nominal Gel thickness for X6 Retention is 6.3 mils and X8 Retention Level is 6.8 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 (TBD) 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
- Storage: Minimum 2 years at 21°C and 50% RH