

TECHNICAL DATASHEET

LAYOUT

POLYETHYLENE COVERSHEET	1.0 +/- 0.1 mils
GEL MATERIAL	See Gel Thickness Table
POLYESTER SUBSTRATE	5.0 +/- 0.1 mils

Gel Retention Thickness Specification

Retention level	1.5 mil	3.0 mil	6.5 mil	17.0 mil
XT	X		X	
X0	X		X	
X4	X		X	X
X6		X	X	
X8			X	X

Gel Material Thickness Specification

Gel Material	Nominal Gel Thickness	Nominal Working Thickness (Polyester + Gel)
1.5 mil	1.7 mils +/- 0.4	6.7 mils +/- 0.5
3.0 mil	3.0 mil +/- 0.3	9.0 mil +/- 0.5
6.5 mil	*6.5 mils +/- 0.6	11.5 mils +/- 0.7
17.0 mil	17.0 mils +/- 0.9	22.0 mils +/- 1.0

* Nominal Gel thickness for X6 Retention is 6.3 mils and X8 Retention Level is 6.8 mils.

Notes:

- 1) "Nominal Working Thickness" is Gel material and Polyester Substrate layers only. Top Polyethylene Coversheet is removed prior to use.
- 2) The Gel material on PF film is easily separated from the Polyester Substrate as there is no bonding agent between the Gel material and substrate.

Environmental Compatibility:

- Operating Temperature (Gel Only): -40°C to +220°C.
- Storage: Minimum 2 years at 21°C and 50% RH.