

DATA SHEET

Class PFE-3A

Construction*

Material ----- System of Measurement	PET (Outside)	LDPE (Tie Layer)	Foil (Barrier)	LDPE (Tie Layer)	LLDPE Film w/EVA (Sealant)
Traditional	48 GA.	10#	0.000332	10#	2.0 mil
USA Std.	0.48 mil	0.69 mil	0.332 mil	0.69 mil	2.0 mil
Metric	12 μ	18 μ	8.4 μ	18 μ	51 μ

Total Thickness: 4.2 mil (106 μ)

* If there are any deviations from above, regarding tie layers and sealant layer, to accommodate adhesive tie layers or supplier special processes, the sealant layer will be adjusted to compensate for the difference in overall thickness.

Properties

	UNIT	VALUE	TEST METHOD
W V T R	g/100in ² /24hrs/100°F/90%RH	<0.006	ASTM F 1249
O ₂ T R	Cc / 100in ² / 24hrs	<0.006	ASTM D 3985
Seal Strength	lbs/in	7.0 min	ASTM D 882

Suggested Sealing Conditions**

TEMPERATURE	PRESSURE	DWELL TIME
355°F (180°C)	80 psi (550 kPa)	2.0 sec

** Suggested sealing conditions are for two-bar, heated seals and are intended as guidelines only. Customers must consider their equipment and adjust as necessary.

The above values are representative of this lamination and will vary. WVTR and O₂TR values are tested under controlled laboratory conditions. Customers should evaluate this material for their specifically intended use.

FDA Status: This material complies with U.S. Food and Drug Administration requirements under the Federal Food, Drug, and Cosmetic Act as amended, when used as a packaging material for food products.

A Plastic Film liner manufactured from this material is designed solely to function as a heat-sealable, moisture-vapor, and atmospheric-gas barrier for hygroscopic or contamination-sensitive materials. The liner is not intended to function as a load-bearing component within the package that contains it.