

SPECIFICATIONS SUMMARY: 48 MET-PET FILM

POUCH MATERIAL: 48 MET-PET Film, 1 side metallized

POUCH TYPE: Vertical form-fill-seal pouch, heat seal

DIMENSIONS: Standard widths available: 3", 3.5", 4"
Length 1" to 8"
Custom sizes are also available.

DESCRIPTION: 48 MET-PET is an exceptionally strong film made from polyethylene terephthalate. It is coated on one side with a vacuum deposition of aluminum. It is a highly opaque film with excellent barrier (oxygen, water vapor, and light) properties.

APPLICATIONS: 48 MET-PET is designed for use as a substrate for laminating and extrusion coating and as a component of packaging structures requiring great strength and high temperature performance. It can be printed with appropriately formulated commercial inks.

FILM LAYERS: .048" Metallized Polyester layer
.002" Polyethylene seal layer, 4% EVA

BARRIER PROPERTIES:

48 MET-PET Polyester Film					
Property	Test	English Units		Metric (S.I.) Units	
		Units	48 Gauge	Units	48 Gauge
WVTR	ASTM E96-80 Procedure E	g/100 in. ² · d	0.05	g/m ² · d	0.8
Oxygen Permeability	ASTM D3985 (72°F)	cc/100in. ² /day · atm	0.10	cc/m ² /day · atm	1.6

Note: These values are typical data for polyester film and are not intended for use as limiting specifications.

FDA Status: Polyester films sold for food packaging use comply with U.S. Food and Drug Administration requirements under the Food, Drug and Cosmetic Act as amended.

Disposal: Disposal of polyester film presents no special problems. It can be buried as a relatively inert material in a landfill or burned in an incinerator with normal refuse. The incinerator should have sufficient draft to exhaust all combustion products through the stack to avoid exposure to irritating fumes.