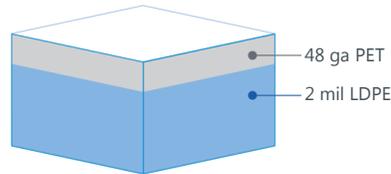


48 PET/200 LDPE also marketed as TPF-0501A or MRM4820PU

LDPE Extrusion Coated PET Film



Description

48 PET/200 LDPE is a polyester film extrusion coated with a virgin, low-density polyethylene. It provides excellent seal and peel performance with a wide variety of coated and uncoated substrates.

Typical Application

This product is compatible with ethylene oxide (EO) and gamma radiation sterilization. It is recommended for single use pouch applications.

Bio-compatibility

48 PET/200 LDPE has been proven to be non-cytotoxic. Testing was conducted in accordance with ASTM F2475, standard guide for bio-compatibility evaluation of medical device packaging materials, which includes ISO 10993-5 in-vitro cytotoxicity testing. Results available upon request.

Shelf Life

Aging studies conducted on many Oliver™ products demonstrate a shelf stability of up to 10 years. Most packaging materials are designed for stability over long periods of time provided good storage and handling practices are exercised.

Storage Conditions

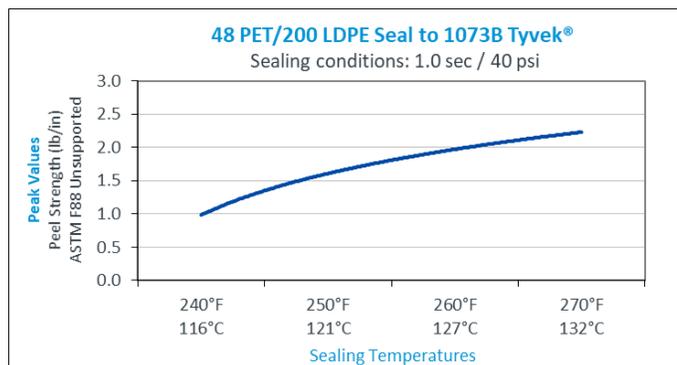
Keep product in original package. Product should be stored at ambient warehouse conditions.

Sealing Conditions

Optimum sealing conditions are highly dependent upon the materials being sealed, the equipment, and production rates. Our recommendation is to begin testing at 250°F (121°C), 1.0 second, 50 psi.

Attribute	Test Method	Typical Value (US)	Typical Value (Int'l)
PHYSICAL			
Substrate basis weight	TAPPI T410	39 lb/3000 ft ²	63.5 g/m ²
Yield	Calculated	11,077 in ² /lb	15.7 m ² /kg
Thickness	ASTM F2251	2.5 mil	63.5 μm
MECHANICAL			
Tensile (MD)	ASTM D882	7,900 psi	54 Mpa
Tensile (CD)	ASTM D882	6,200 psi	43 MPa
Elongation (MD)	ASTM D882	100%	100%
Elongation (CD)	ASTM D882	115%	115%
Puncture resistance	ASTM F1306		
PET side	1/16" Radius Probe	5.0 lb (f)	22 N
Sealant side	1/16" Radius Probe	6.0 lb (f)	27 N
PERMEATION			
OTR	ASTM D3985	4.5 cc/100 in ² /24 hr	69.8 cc/m ² /24hr
WVTR	ASTM F1249	0.5 g/100 in ² /24hr	7.8 g/m ² /24hr

This information describes typical product characteristics for customer evaluation. It is not intended to be a final specification or warranty of performance.



v5.2019 Note: Determination of the specific suitability of this product for individual applications is the sole responsibility of the purchaser. The information contained herein is correct to the best of our knowledge. Recommendations or suggestions are made without guarantee of representation as to results. Nothing in this disclosure of information shall be deemed by implication or otherwise to convey to the recipient of this information any rights under any patents, patent applications, trademarks, copyrights or invention owned by Oliver Products Company.

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