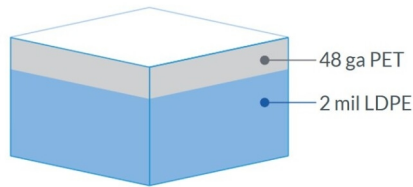


UF-1250

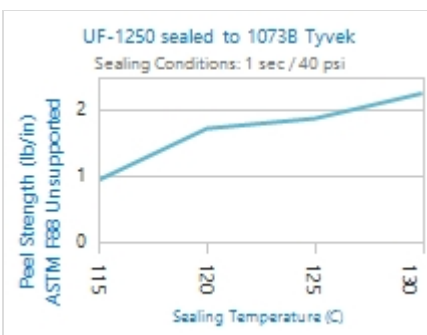
also marketed as 48 PET/200
LDPE, TPF-0501A, MRM4820PU

LDPE Extrusion Coated PET Film



Attribute	Test Method	Typical Value (US)	Typical Value (Int'l)
PHYSICAL			
Basis Weight	TAPPI T410	39 lbs/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 Strength (MD)	ASTM D882	7,900 psi	54 MPa
Tensile Strength (CD)	ASTM D882	6,200 psi	43 MPa
Elongation (MD)	ASTM D882	100%	100%
Elongation (CD)	ASTM D882	115%	115%
Puncture Resistance (1/16" from outside)	ASTM F1306	5.0 lb (f)	22 N
Puncture Resistance (1/16" from inside)	ASTM F1306	6.0 lb (f)	27 N
PERMEATION			
OTR	ASTM D3985	4.5 cc/100 in ² /24 hr	69.8 cc/m ² /24 hr
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.



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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Description

UF-1250 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.

Biocompatibility

UF-1250 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 5 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.

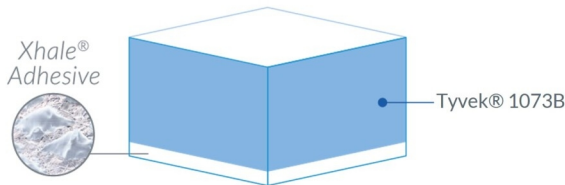
Sealing Conditions

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.

XT-73109P

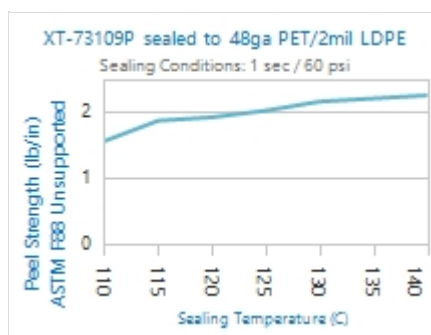
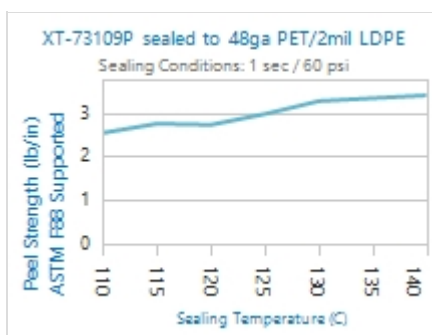
also marketed as 1073B 109P

Tyvek® 1073B coated with Xhale Adhesive



Attribute	Test Method	Typical Value (US)	Typical Value (Int'l)
PHYSICAL			
Basis Weight	ASTM D3776	45.8 lbs/3000 ft ²	74.7g/m ²
Adhesive Coat Weight	ASTM F2217	12 lbs/3000 ft ²	19.5 g/m ²
Total Basis Weight	Calculated	57.8 lb/3000 ft ²	94.1 g/m ²
Yield	Calculated	7,471 in ² /lb	11 m ² /kg
Thickness	ASTM F2251	8.3 mil	211 μm
MECHANICAL			
Tensile Strength (MD)	EN ISO 1924	46 lb/in	205 N
Tensile Strength (CD)	EN ISO 1924	49 lb	219 N
Elmendorf Tear (MD)	ASTM D1424	0.70 lb	3.2 N
Elmendorf Tear (CD)	ASTM D1424	0.90 lb	4.0 N
Mullen Burst	EN ISO 2758	175 psi	1,027 kPa
PERMEATION			
Porosity (Gurley)	TAPPI T460	30 sec/100cc	—
Porosity (Bendtsen)	ISO-5636-3	—	440 mL/min

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Description

XT-73109P is a heat sealable, adhesive coated, medical-grade pouch-making material. Tyvek 1073B is an extremely strong, tear resistant, breathable substrate with excellent microbial barrier properties. 109P Xhale is a non-toxic, hot melt heat sealable adhesive coating applied in a uniform dot pattern to maintain breathability. The high hot tack adhesive coating produces peelable seals with consistent peel strengths and uniform adhesive transfer.

Typical Application

This product is compatible with ethylene oxide (EO) and gamma radiation sterilization. It seals to most flexible packaging materials. It is recommended for single use applications.

Biocompatibility

XT-73109P 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.

Adhesive Color

Adhesive coating is available in clear.

Shelf Life

Aging studies conducted on many Oliver products demonstrate a shelf stability of up to 5 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 260°F (126°C), 2.0 seconds, 60 psi.