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MOISTURE BARRIER FOIL

TFL1 Moisture Barrier Laminate

Construction

Polyester/ Aluminium Foil/ Polyethylene

TFL1 is a polyester/aluminium foil based moisture barrier laminate. Many different products require barrier foil packaging, either to protect from moisture or to prevent the escape of fluids, gasses or odours. TFL1 is a full international military specification aluminium foil laminate which is food-contact certified.

Physical Properties

Property	Test Method	Results
Weight	ISO 536	115 gr./m²
Yield	ISO 536	8, 7 m²/kg
Material Construction:- 3 Layers - PET-ALU-LLDPE		
Thickness's:-	ASTM D 1505.60T	102my ± 10%
1st Layer		15my (12my PET + 3my adhesive layer)
2nd Layer		12my (9my ALU + 3 my adhesive layer)
3rd Layer		75my LLDPE
Tensile Strength:-		
M.D. (machine direction)	DIN 555 31	65N
T.D. (transverse direction)	DIN 555 31	67N
Seal Strength (breaking strength heat sealing system)	ASTM D 882	42 N /15mm
Water vapour transmission rate	ASTM D 398-83	0,03 gr. / m² in 24 hours at 38° & 90% R.H*
Oxygen transmission rate	ASTM D 1434	0,03 cm³ / m² in 24 hours

Classification: MIL-B-131-H-TYPE 1-CLASS 1
*R.H. = Relative Humidity

Bags are available to order in any Size from: ***3*" x 3" to 48" x 48"**
75 x 75mm to 1200mm x 1200mm

For more product information visit our web site, www.faulkner.ie

The values shown above were developed from random samples taken form production material. We believe them to be typical for this particular product. Because of normal lot to lot variations, actual values may vary somewhat from these depicted here. Faulkner Export Packaging Ltd. makes no warranty, express or implied; as to the suitability of these materials for any specific product. Consumers should determine product suitability through their own testing and evaluation.

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