



CALPAC ULTRAFOIL 1000M

CALPAC ULTRAFOIL 1000M is a super heavy duty, foil-based, moisture barrier laminate. Its construction has been designed to resist punctures and tearing as well as to minimize forms of contamination including outgassing and non-volatile residues. It is waterproof, greaseproof, flexible, heat-sealable and is specially designed for packaging large machinery and equipment.

This moisture barrier film is on the QPL for MIL-PRF-131K and is converted in accordance with MIL-DTL-117H.

FEATURES:

- Superior chemical resistance.
- Superior puncture and tear resistance.
- Ultimate heavy duty barrier packaging.
- Linear low density Polyethylene inner sealant layer for easy sealability.
- Low MVTR. Protects against damage caused by humidity, moisture, oxygen, odors, and other airborne contaminants.
- Lightweight and puncture resistant. Easily conforms to the shape of products during vacuum packaging.
- Suitable for vacuum packaging applications requiring nitrogen flushing.
- Available in Class 100 clean.
- Date and lot coded for traceability.
- Thermal transfer identification print is standard.
- Available in zipper, side and bottom gusset configurations.
- Lead-free RoHS 2, REACH and Conflict Minerals compliant.



Physical Properties

Test Method

US Std.

Thickness - Average	ASTM D374	6.2 mil
Yield		4235in ² /lbs.
Tensile Strength	ASTM D882	
MD - Average		7687 psi
TD - Average		7687 psi
Graves Tear	ASTM D1004	
MD - Average		4.5 lbs.
TD - Average		4.5 lbs.
Spencer Impact - Average	ASTM D3420	15 lbs.
Puncture Resistance - Average	FTMS 101C Method 2065	31 lbs.
Moisture Vapor Transmission Rate	ASTM F1249 (37.8°C, 90% RH)	0.0005 g/100in ² /day
Oxygen Gas Transmission Rate	ASTM D3985 (23.0°C, 0% RH)	0.0005 g/100in ² /day
Heat Seal Range	ASTM F88	275°F-500°F
Seal Strength - Minimum (215.0°C, 1s, 4 bar)	ASTM F88	> 18 lbs.

Caltex Plastics makes no warranty, expressed or implied, as to the suitability of these materials for any specific use. The values shown above were developed from random samples taken from production material. We believe them to be typical for the product. Actual values may vary somewhat from those depicted here. Customers should determine product suitability based upon their own internal criteria.

CALTEX PLASTICS INC. Quality Poly Bags and Barrier Pouches
for Electronics, Military, Foods and Industry

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