

O₂ BARRIER SEALANT METALLIZED POLYETHYLENE FILM

Typical Values
Metal One Side, Low COF and High Seal Strength Other Side
1.5 mil PE Sealant Film

| Properties | Typical Value | Units | Test Method |
|----------------------------------|------------------------|-------------------------------|----------------------------------|
| Yield | 19,600 | in ² /lb | |
| Thickness | 1.5 38 | Mil μm | |
| Tensile Strength (Break) | 4,200 MD 3,350 TD | Psi | ASTM D882 |
| Secant Modulus (1%) | 74,500 MD 78,600 TD | Psi | ASTM D882 |
| Elongation | 250 MD 475 TD | % | ASTM D882 |
| Optical Density | 2.0 | Macbeth | CMP OD-1 |
| Light Transmission | < 1.0 | % | |
| Coefficient of Friction | < 0.2 | Sealant to Sealant | ASTM D-1894 |
| Haze | 7-10 | % | ASTM D-1003 |
| WVTR | 0.07 | g/100in ² /24 hr. | ASTM E-398 (100° F, 90% RH) |
| OTR | 0.06 | cc/100in ² /24 hr. | ASTM D-3985 (73.4° F, 50% RH) |
| Metal Adhesion | 300 | g/in | CMP MA-1 |
| Heat Seal Initiation Temperature | 220 | ° F | |
| Ultimate Seal Strength | > 1500 (Destruct) | g/in | |

This film is in compliance with the regulation FDA 21 CFR 177.1520. Polyethylene surface is approved for direct food contact.

The metallized side is FDA approved for indirect food contact.

The information and opinions herein are believed to be true and accurate and presented without guarantee or responsibility on our part. No recommendation for use of our product is intended as a patent infringement. No warranty of any kind with respect to patents held by others is implied or intended.