Vapor Barrier Foil 12990

**Triple Laminated Barrier Foil Custom Made Films and Bags**

- **Military specification:** MIL-PRF-131 J
- Meets U.S. FDA 175.300 & Fed STD-101

**DESCRIPTION**

Flexible, heat-sealable, water vapor barrier foil tri-laminate of PE, PET and aluminum. More than 80 times the performance of PE.

Barrier foil bags provide excellent protection to contents inside a bag, from oxygen, water vapor odour, UV, oils, grease, acid, alkalines and other contaminants.

**Foil Barrier Bag Construction**

- PET (polyester film) 12 Microns
- Aluminum foil 9 Microns
- White LLDPE Film 90 Microns

Three layers are laminated together with a total of 4 Microns of bonding materials

Barrier Foil and POLY makes it easy to keep parts and/or contents stored in good condition for extended storage or mothballing. Bags can be vacuumed packed and sealed.

This packaging is fully compatible with VCI vapor corrosion inhibitor emitters, VCI sheets, VCI inserts and ordinary desiccant. They are environmentally safe for use and replace traditional corrosion inhibitors.

**Meets Military Specifications**

Triple laminated barrier foil meets the requirements of MIL-B 131 H, Type I Grade A and stringent Performance Specifications for barrier materials, flexible, sealable at lower temperatures.

**HOW Aluminum BF-12990 WORKS**

Materials packaged in Barrier Foil are continuously protected from salt, humidity, condensation, moisture, odor, atmospheric contaminants, ultra violet rays, oil, and oxygen. Can be easily vacuum packed for extended storage and protection from degradation. Triple laminated plastic and foil provides the very best in packaging barrier films. protection during storage and shipping.

**Available in Box bags, center seal, gusset bags zipper bags, flat bags, cubes, and shrouds. All custom manufactured to your specifications.**
Excellent Barrier Protection From

• Water Vapor • Oil • Grease • Acids • Alkalines • Oxygen Transmission • Biological Contaminants • Odor • Ultra Violet Rays • Product Degregation • Salt & Chlorides (sea water) • Humidity

Aluminum Barrier Foil Laminate Physical Properties

<table>
<thead>
<tr>
<th>Typical Properties</th>
<th>Burst: 78.2 PSI</th>
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<tbody>
<tr>
<td>Tensile Strength PSI</td>
<td>MD 3.673 KN/m</td>
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<tr>
<td></td>
<td>CD 3.673 KN/m</td>
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<tr>
<td>Puncture Strength</td>
<td>27 N/cm</td>
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<tr>
<td></td>
<td>Tear 1320 gm</td>
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<tr>
<td>Water Vapor Trans Rate</td>
<td>0.003 gm/ 100 sq. inch; 24 hrs</td>
</tr>
<tr>
<td>Heat Seal Temperature</td>
<td>Ours: 356 F</td>
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<tr>
<td></td>
<td>Others: 500 F</td>
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</tbody>
</table>

Specifications @ 4.5 Mil (115 microns)

SIZES AVAILABLE
Vapor barrier foil laminates are available in custom sizes of 115 microns designed to meet your requirements including oversized barrier shrouds, heat seal-able bags, gusset bags, zipper bags rolls, individual cut bags, sheets on rolls, auto bags, center seal bin, crate, box liners and more. Visit www.http://www.corrosionvci.com/Aluminum_Barrier_Foil_Packaging_files/frame.htm

For ordering or technical information contact:
Kpr Adcor Inc. Web: www.CorrosionVCI.com
Phone: 1-866-577-2326 or 905-628-3232 Fax: 905-628-2529
Email: kpr@corrosionVCI.com ‘We Stop Rust!’ ™

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