



# Kpr Adcor Inc. Foil Barrier Packaging

## 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.

Triple laminate bags, sheets and film are manufactured with advanced resins in custom sizing to provide the exact properties you need for your application.

#### 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 Degredation • Salt & Chlorides (sea water) • Humidity

## Aluminum Barrier Foil Laminate Physical Properties

Specifications @ 4.5 Mil  
(115 microns)

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

## 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](http://www.corrosionvci.com/Aluminum_Barrier_Foil_Packaging_files/frame.htm)

## For ordering or technical information contact:

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## Limited Warranty

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