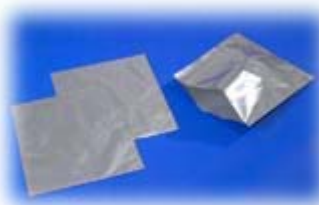


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Moisture Vapor Barrier



Description

To meet specific customer's requirements, ATMI LifeScience offers a range of cleanroom manufactured foil laminates or multilayer coextruded films.

Our moisture vapor barrier packaging is generally constructed in three layers (aluminum between the inner and outer layer) which are bonded together to create strong, flexible and water-resistant product.

An aluminum layer is laminated between the outer layer (Tyvek®, polyamide or polyester) and the outer layer of polypropylene or biaxially-oriented polyethylene. The outer layer provides a barrier that is resistant to tearing and also protects from abrasions. The inner, heat-sealable layer provides an additional moisture barrier.

Our dry packaging has been designed to withstand nitrogen flushing, hard shipping and handling procedures. By reflecting light and heat, it helps control the temperature of the product in the package.

Barrier packaging is ideal for all products that require protection against climatic, physical and biological damage
(Ex: pharmaceuticals).

ATMI LifeScience also offers blown extruded barrier films in transparent and opaque versions.

Product Design

- Custom designs available
- Available in almost any size upon request

Applications

Excellent for products requiring protection against physical influences such as:

- Corrosion caused by gases and moistures, acids and salts
- Static electricity
- Electromagnetic interference
- Particulate contamination
- Heavy-duty environment
- UV-protection

Wir verweisen auf die technischen Datenblätter des Herstellers
Erstelldatum 11/03

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Moisture Vapor Barrier



Specifications

- Chemically inert
- Free of ionic and organic contaminants
- Additive-free
- Free of black points and gel
- Strong puncture resistance
- Noncorrosive
- Moisture vapor proof
- Compliant with MIL-Standards
- Meets MI-B-131 type I and II for barrier materials
- Meets MIL-B-81705 type I for electrostatic and antistatic properties

Benefits

- Excellent barrier against water vapor and gas transmission
- Heat-resistant, gamma and steam sterilizable, easy-tear foil-laminate available
- Foil laminate or multilayer coextruded under Cleanroom ISO Class 5 conditions
- Interior and exterior of bag at cleanliness level 100
- Cleanroom compatible high-moisture barrier
- Heat-sealed
- Superior vacuum retention
- Available cleaned and double-packaged for cleanroom use

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