

PRODUCT DATA SHEET

ALPACK VCI

Description and Uses

ALPACK (ALUMINIUM BARRIER) is specially designed packing material that combined with VCI (Volatile Corrosion Inhibitor) bag and Aluminium barrier. It can protect metal materials with VCI vapor and form barrier against atmospheric humidity, corrosive gasses and sun light.

Due to the three-layered structure of ALPACK VCI, it is heat sealable and shows almost zero air and water vapor permeability, ALPACK can use in metal industry to completely protection of sensitive metal materials and machines.

Optimized three-layer structure of ALPACK VCI is, top layer PET (Polyester), medium layer metallic Aluminum film and at least VCI Polyethylene, suitable for producing small and very big package.

To be known that every type packaging matter has a gas permeability but ALPACK VCI has almost zero gas permeability and water vapor never pass package and condensation on humidity sensitive product especially electronic and metals.

Our ALPACK products are produced in accordance with **MIL PRF 131K (Class 1)** and **MIL B 131 H** standards.

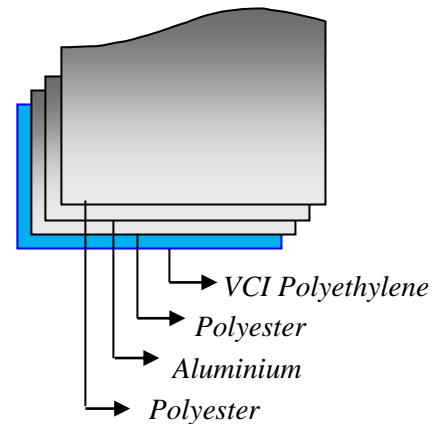


Material Composition

PET (Polyester)	12 micron
ALU (Aluminum)	9 micron
PET (Polyester)	12 micron
VCI Polyethylene	90 micron

Physical Properties

Unit Weight (g/m ²)	150 (±10)
Vapor Permability (g/m ² -24 sa)	0,03
Oxygen Permability (cc/m ² -24 sa)	≤0.1
Tearing Resistance (N/cm)	27
Lamination Force (g/inç)	≥ 350
Heat Resistance (°C)	-40, 75
Sealing Conditions	150°C.2sn, 2kg/cm ²



Sealing Strength (150°C) 110 N/15mm

Packing

ALPACK VCI series are available in custom sizes and properties specially designed to meet your requirements such as heat sealable bags, 50-100cm sheets on roll and etc.

General Notes:

The information in these publications reflects our own average findings and comments for our products however the use of the product may vary according to the field of application and the buyer is solely responsible for the application, use and reprocessing of the material.