

Technical Data Sheet

Protectolast® VCI Film

VCI-PFM-100



Product Overview

Protectolast® VCI Film utilizes cutting-edge film technology to deliver exceptional corrosion protection for your metal products. By encasing your items in VCI Film, you can safeguard various metals from rust, tarnish, stains, white rust, and oxidation for up to five years.

Protectolast® VCI Film offers a modern alternative to traditional rust preventatives like oils and desiccants. It also helps you save on costs by eliminating the need for degreasing or coating removal, allowing your product to be used immediately. The film's transparency ensures easy identification of parts.

Product Code	VCI-PFM-100
Application	Multi-Metal Protection (Ferrous metals, Copper, Aluminum & other metals)
Minimum Thickness	100±10 µm (ASTM D6988)
Appearance	Transparent
Shelf Life	2 Years

PARAMETER	UNIT	VALUE	TESTING STANDARD
Tensile Strength (MD)	MPa	≥ 17	ASTM D882
Tensile Strength (CD)	MPa	≥ 17	
Impact Strength	J	≥ 0.06	GB/T 8809, Punch Diameter 19.0 mm
Vapor Inhibiting Ability (VIA) Test	Grade 0 or Grade 1		GB/T 16267
Contact Corrosivity Test	No Corrosion, Pitting, erosion on steel & Aluminum		GB/T 16266
Copper Consistency	No Corrosion, Pitting, erosion or severe discoloration		GB/T 16265
Alternate Humidity & Heat Test	H62 Brass	7 Cycle Qualification	Q/SFX04
	Steel	7 Cycle Qualification	