

VCI-2000[®] Co-Ex Film

Anti-Corrosion Film & VCI Bags

Description

VCI-2000 Co-Ex Films and Tubes are made with the latest polymer technology impregnated in low temperature with vapor corrosion inhibitors (VCI's) to protect ferrous and most non-ferrous metals from corrosion. The film consists of a two layers (double wall) of polyethylene film that provide increased barrier protection to the 'inside of the package' contents.

LONG TERM CORROSION PROTECTION

The slow release vapor action protects the exterior as well as hard-to-reach interior surfaces. It is self-healing and will provide 24 months of long-term protection for storage and overseas shipments. Simply pack the metal object with a VCI-2000 anti-corrosion film or Tube.

The VCI in the film migrates with air then condenses on all metal surfaces, reaching all exposed and recessed areas.

VCI-2000[®] Co-Ex Films and Tubes provide a high level of corrosion protection and excellent vapor barrier properties.

METALS PROTECTED

Carbon steels, stainless steels, copper, brass, aluminum, silver, galvanized steel, solder.

Properties	Test method	Unit	Value
Thickness		Micron	100
Heat seal strength	160 ⁰ C/1SEC/50PSI	gr/10mm	2000
Tear strength MD	ASTM D1004	N/mm ²	16.5
Tear strength TD	ASTM D1004	N/mm ²	15.6
Elongation MD	ASTM D882	%	580
Elongation TD	ASTM D882	%	610
Oxygen transmission	ASTM 3985-88	cc/m ² /day	60-70

CORROSION TESTS

Properties	Test method	Unit	Value
Corrosion protection	GP	12 cycles	Pass
Corrosion protection	GP	8 cycles	Pass
German VIA Test	MIL-PRF-22019D	TL 8135-002	Grade 3