

## VCI-2000<sup>®</sup> 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<sup>®</sup> 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 <sup>0</sup> C/1SEC/50PSI	gr/10mm	2000
Tear strength MD	ASTM D1004	N/mm <sup>2</sup>	16.5
Tear strength TD	ASTM D1004	N/mm <sup>2</sup>	15.6
Elongation MD	ASTM D882	%	580
Elongation TD	ASTM D882	%	610
Oxygen transmission	ASTM 3985-88	cc/m <sup>2</sup> /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	<a href="#">MIL-PRF-22019D</a>	TL 8135-002	Grade 3