VpCI®-126 Blue

DESCRIPTION

VpCI®-126 film and bags function as a replacement for conventional rust preventatives such as oils, coatings, and desiccants. Extruded with Cortec®'s unique Vapor phase Corrosion Inhibitor (VpCI®) technology, VpCI®-126 offers continuous multi-metal protection by forming a molecular barrier on all metal surfaces sealed within the film—even recessed or otherwise hard-to-reach areas.

By eliminating the need for oils or coatings, products and components protected with VpCI®-126 are ready for immediate use, with no cleaning or degreasing required. Depending on mil thickness, VpCI®-126 offers up to five years of protection against rust, tarnish, stains, white rust, and oxidation.

VpCI®-126 contains no amines, phosphates, or halogen-based materials. In addition to being fully recyclable, all VpCI®-126 film contains at least 20% recycled content.

FEATURES

- Offers five years of continuous protection, depending on mil thickness
- Multi-metal protection against salt, humidity, condensation, moisture, aggressive industrial atmospheres, and dissimilar metal corrosion
- Available in wide variety of stock and custom sizes
- Available as bags, tubing, caps, and more
- Contains at least 20% recycled content
- Transparent for easy product identification
- Available in a variety of gauges (2–10 mil or 50–250 µm) and widths (3" – 32' or 7.6cm – 9.7m)
- Contains no RoHS substances

METALS PROTECTED

- Aluminum
- Galvanized steel
- Carbon steel
- Silicon steel
- Stainless steel
- Copper
- Brass
- Cast iron

PACKAGING & STORAGE

VpCI®-126 is available in rolls of film in a wide variety of widths and gauges, as well as bags, liners, perforated sheeting, coil covers, and tubing. VpCI®-126 is also available in antistatic (ESD), UV-resistant, and high-performance shrink formulations.

For more information about stock and custom sizes, as well as pricing and availability, contact Cortec® customer service.

To ensure best product performance, keep sealed in original packaging, indoors, and out of direct sunlight at 40–100° F (4–38° C).

Shelf life: 2 years

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TYPICAL MECHANICAL PROPERTIES*

Property		Test Method	Units	VpCI®-126 Blue		
Thickness		ASTM D6988	mil (µm)	2.0 (50)	4.0 (100)	6.0 (150)
Breaking Factor	MD	ASTM D882	lbs/in (N/m)	9.3 (1,629)	18.4 (3,226)	18.9 (3306)
	TD			9.5 (1,665)	18.7 (3,277)	18.3 (3,196)
Tensile Strength at Break	MD	ASTM D882-02	psi (MPa)	4,759 (23,812)	4,424 (30,502)	3,184 (21,953)
	TD			4,603 (31,737)	4,357 (30,040)	3,110 (21,443)
Elongation at Break	MD	ASTM D882-02	%	607	779	770.4
	TD			676.3	835	833.7
Yield Strength	MD	ASTM D882-02	psi (Mpa)	1,528 (10,535)	1,334 (9,198)	794 (5,474)
	CD			1,576 (10,866)	1,610 (11,101)	1,425 (9,825)
Tear Strength	MD	ASTM D1922-06a	mN	3,755.3	11,159.9	15,853
	CD			7965.7	15,413.5	20,279.2
Dart Drop Impact Resistance		ASTM D1709-04 Test Method A	grams	347.4	790	753.3

*Typical values represent average laboratory values and are intended as guides only, not as lot specifications.

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