



VpCI®-126 PCR

Patented High Technology Vapor phase Corrosion Inhibiting Films with Post-Consumer Recycled Content

PRODUCT DESCRIPTION

Patented VpCI®-126 Series Film combines the latest film technology with effective corrosion protection for all of your metal products. VpCI®-126 PCR corrosion inhibiting film has been developed with a high amount of post-consumer recycled content for the purpose of efficient recovery, recycling, and reuse of resources to minimize the economy's negative ecological footprint.

VpCI®-126 PCR helps customers meet their sustainability goals without compromising quality specifications related to mechanical and corrosion inhibiting properties. VpCI®-126 PCR protects metal parts from all types of corrosion, including rust, stains, tarnish, white rust, and oxidation for up to 5 years.* It's as simple as putting your product in a VpCI® package!

PACKAGING & STORAGE

VpCI®-126 PCR is available in a variety of gauges ranging from 50-250 microns (2 to 10 mils) and widths from 76 mm-9.7 m (3" to 32').

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

Shelf life: 2 years

HIGH PERFORMANCE VpCI® PACKAGING



FEATURES

- Contains Vapor phase Corrosion Inhibitors (VpCI®) to protect void spaces and recessed areas
- Made with guaranteed 30% post-consumer recycled content
- Uses recycled content of high, consistent quality
- Recyclable
- Conforms to NACE Standard RP 0487-2000

BENEFITS

- Provides multi-metal protection to ferrous and non-ferrous metals
- Contributes to "circular economy" by using recycled content

METALS PROTECTED

- Aluminum
- Galvanized Steel
- Carbon Steel
- Silicon Steel
- Stainless Steel
- Copper
- Brass
- Cast Iron

APPLICATION

Cortec® VpCI®-126 PCR is heat-sealable and can be used with all types of manual or automated heat-seal packaging equipment. The material is available in a variety of standard and customized forms including bags, sheeting-reinforced film, top-seal and auto bags, gusseted liners, bags-on-a-roll, perforated sheeting, coil covers, and tubing to protect small or large parts.

**Depending on film construction thickness and application.*

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HIGH LEVEL OF CORROSION PROTECTION

Metal parts packaged in Cortec® VpCI®-126 PCR receive continuous protection from salt, excessive moisture, condensation, aggressive industrial atmospheres, and dissimilar metal corrosion. VpCI® evaporates and then condenses on metal surfaces in the enclosed package. VpCI® reaches every area of your part, protecting its exterior as well as hard-to-reach interior surfaces. You get full product protection during storage as well during domestic and international shipments, almost eliminating any rust claims.

TYPICAL MECHANICAL PROPERTIES

Property		Test Method	Units	VpCI®-126 PCR	VpCI®-126 BLUE
Thickness		ASTM D6988	µm (mil)	125 (5)	125 (5)
Breaking Factor	MD	ASTM D882-02	N/m (lbs/in)	2779,92 (15,87)	2937,01 (16,77)
	CD			2321,92 (13,26)	2691,60 (15,37)
Tensile Strength at Break	MD	ASTM D882-02	MPa (psi)	22,10 (3205.33)	22,34 (3240.14)
	CD			18,76 (2720.91)	21,19 (3073.34)
Elongation at Break	MD	ASTM D882-02	%	635,2	675,4
	CD			769,8	857,2
Tear Strength	MD	ASTM D1922	mN	5807,52	6906,24
	CD			17265,60	17474,88
Impact Puncture		ASTM D3420-0495 B	N J	17631,84	17684,16
				1,52	1,52
BUR		0,637 x LF/Die Diameter		2,52	2,52

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

Type your text



4119 White Bear Parkway, St. Paul, MN 55110 USA
 Phone (651) 429-1100, Fax (651) 429-1122
 Toll Free (800) 4-CORTEC
 info@cortecvci.com
<https://www.cortecvci.com>
<https://www.cortecpackaging.com>



Bele Bartoka 29, 31300 Beli Manastir, Croatia
 Phone +395 (0)31 705-011, Fax +395 (0)31 705-013
 info@ecocortec.hr
<http://www.ecocortec.hr/en/>



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