



VpCI®-126 HP UV Shrink Film PCR

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

PRODUCT DESCRIPTION

Cortec®'s VpCI®-126 HP UV Shrink Film PCR combines high strength resins with ultraviolet light stabilizers (UV), Vapor phase Corrosion Inhibitor Technology and high-quality post-consumer recycled content. This state-of-the-art film provides multi-metal protection for parts, equipment, and vehicles for up to three years, even in aggressive outdoor conditions. VpCI®-126 HP UV Shrink Film PCR is a sustainable solution with high post-consumer recycled content. Film is designed to optimize recycling and reuse, minimizing the environmental impact. It enables customers to achieve sustainability goals without compromising on mechanical or corrosion-inhibiting performance.

Unlike some preservation films that rely on white pigments to reflect UV light, VpCI®-126 HP UV Shrink Film PCR contains unique inhibitors that protect the polymer from UV exposure and prevents degradation. It is ideally suited for transit, staging, and lay-up of critical equipment; including equipment with large void spaces, multiple metals, and complex geometries. VpCI®-126 HP UV Shrink Film PCR can replace conventional rust preventatives such as oils and desiccants. Parts protected with this film are ready to use with no additional cleaning and/ or degreasing necessary, saving you time and money. VpCI®-126 HP UV Shrink Film PCR is also transparent, making it easy to identify parts without compromising your package. Metal parts packaged in VpCI®-126 HP UV Shrink Film PCR receive continuous protection against salt air and humid environments, moisture, aggressive



industrial atmospheres, and dissimilar metal corrosion.

The corrosion inhibitors vaporize and condense on all metal surfaces within the enclosed space and diffuse to every area of your part; protecting its exterior, as well as void spaces and recessed areas. Equipment is completely protected from corrosion during storage, lay-up, and staging as well as during domestic and overseas shipments. VpCI®-126 HP UV Shrink Film PCR, in conjunction with other Cortec® products, provides a total turnkey preservation for long term storage.

FEATURES

- Made with guaranteed 30% post-consumer recycled content.
- Provides UV protection for outdoor storage.
- Multi-metal corrosion inhibition providing contact, barrier, and vapor-phase protection.
- Will shrink using a wide variety of shrink tools including electric and propane heat guns.
- Recyclable and non-toxic.
- Uses recycled content of high, consistent quality.

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METALS PROTECTED

- Aluminum
- Carbon Steel
- Silicon Steel
- Stainless Steel
- Copper
- Solder
- Brass

BENEFITS

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

SHELF LIFE

The shelf life of VpCI®-126 HP UV Shrink Film PCR is 2 years.

SIZES

Cortec® VpCI®-126 HP UV Shrink Film PCR is available in a standard size of 250 microns (10 mils) and 6.1 x 30.5m (20' x 100') rolls in a thickness of 250 microns (10 mils).

Contact Cortec®/EcoCortec representative about other sizes and constructions. Now available in widths up to (9.2m) 30'.

MECHANICAL PROPERTIES*

Property		Test Method	Units	VpCI-126 HP UV Shrink Film PCR
Thickness		ASTM D6988	µm	250
Load at Break	MD	ASTM D882-02	kg	12,900
	CD			13,440
Tensile Strength at Break	MD	ASTM D882-02	MPa	20,25
	CD			18,08
Elongation at Break	MD	ASTM D882-02	%	850,5
	CD			895,6
Yield Strength	MD	ASTM D882-02	MPa	9,49
	CD			9,13
Tear Strength	MD	ASTM D1922	mN	12975,36
	CD			16428,48
Dart Drop Impact Resistance		ASTM D1709-04 Test Method A	grams	1060,20

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

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