



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

Cor-Pak® VpCI® Stretch Film, Hand Wrap

DESCRIPTION

Cor-Pak® VpCI® Stretch Film is the ultimate high performance film, developed for corrosion protection of ferrous and non-ferrous metals. This film is coextruded using state-of-the-art resins, offering superior strength and stretch characteristics as well as multimetal corrosion inhibiting properties that only VpCI® Technology can deliver. Cor-Pak® VpCI® Stretch Film delivers puncture resistance and load holding, which allows a user to down-gauge, contain aggressive loads, and produce a better package at reduced cost.

The combination of enhanced polyethylene resins with VpCI® Technology makes Cor-Pak® VpCI® Stretch Film the most advanced corrosion inhibiting stretch film available today on the market.

PACKAGING & STORAGE

Contact Cortec® Customer Service for inquiries and custom requirements.

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

Shelf life: 2 years

HIGH PERFORMANCE VPCI® PACKAGING



BENEFITS

- Does not leave residue, allowing immediate use of protected parts
- Provides multimetal corrosion protection with VpCI® action
- Self-adhering film bonds to each layer for added strength
- Helps keep dust, dirt, and moisture off warehouse stock
- Superior performance in light gauges allows down-gauging and cost effectiveness
- Up to a 3:1 stretch ratio
- Recyclable

METALS PROTECTED

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

APPLICATION

Cor-Pak® VpCI® Stretch Film is compatible with commercially available manual and automatic stretch wrapping equipment.

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TYPICAL MECHANICAL PROPERTIES

Property		Test Method	Units		
Thickness		ASTM D6988	mil (µm)	1 (25 µm)	2 (50 µm)
Breaking Factor	MD	ASTM D882	lbs/in (N/m)	6.4 (1121)	11.3 (1979)
	CD			6.1 (1068)	10.7 (1874)
Tensile Strength at Break	MD	ASTM D882	psi (kPa)	4836 (33,340)	5244 (36,160)
	CD			4990 (34,400)	5369 (37,020)
Elongation at Break	MD	ASTM D882-02	%	647	680
	CD			731	737
Tear Strength	MD	ASTM D1922-06a	mN	1570	5180
	CD			5792	11,380
Dart Drop Impact Resistance		ASTM D1709-04, Test Method A	grams	819	< 1300
Coefficient of Friction	Static			1.2	0.4
	Kinetic			1.2	0.5
Typical properties represent average laboratory values and are not intended as specifications but as guides only.					
Cor-Pak® VpCI® Stretch Film is produced by Cortec® Corporation and EcoCortec® (a European Subsidiary of Cortec® Corporation).					

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