

Cor-Pak® VpCI® Stretch Film, Machine Grade

DESCRIPTION

Cor-Pak® VpCI® Stretch Film is a unique high-performance stretch film designed to operate consistently for machine wrap applications in metals packaging. Its patented technology provides the ultimate in multimetals corrosion protection by protecting all metal surfaces in the package through the use of Vapor phase Corrosion Inhibitors (VpCI®). The superior holding force in Cor-Pak® VpCI® Stretch Film makes automation of packaging lines possible while improving package integrity and appearance. This unique stretch film is fully recyclable and consistently monitored for quality.

PACKAGING & STORAGE

Cor-Pak® VpCI® Stretch Film is available in 20" (50 cm) and 30" (76 cm) widths with differential cling in the following thicknesses and lengths:

1.0 mil (25 microns) x 4500' (1372 m)
1.5 mil (38 microns) x 3000' (914 m)
2.0 mil (50 microns) x 2250' (686 m)

Contact Cortec® Customer Service for 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 multimetals 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 |

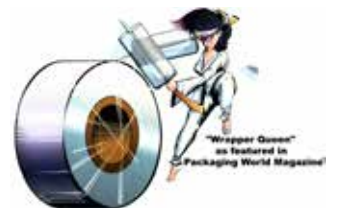
APPLICATION

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

Cor-Pak® VpCI® Stretch Film, Machine Grade

TYPICAL MECHANICAL PROPERTIES

Property		Test Method	Units	1	2
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).					



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>



LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec® Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec® Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec® Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec® Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec® Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC® CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.