



DEBACOR CORTEC® VpCI® Machine Grade 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 multimetal corrosion protection by protecting all metal surfaces in the package through the use of Vapor phase Corrosion Inhibitors (VpCI). Superior holding force in DEBACOR CORTEC® VpCI® Machine Grade Stretch Film makes automation of packaging lines possible while improving package integrity and appearance. This unique stretch film is environmentally friendly, FDA approved, fully recyclable, and consistently monitored for quality under Cortec's ISO 9001 and 14001 Certifications.



Disclaimer
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. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY CLOSED. NOT FOR INTERNAL CONSUMPTION.



Method of Application

DEBACOR CORTEC® VpCI® Machine Grade Stretch Film is compatible with commercially available manual and automatic stretch wrapping equipment.

Benefits

- Does not contain polyisobutylene (PIB) or other tackifiers in cling layer, allowing discarded stretch film to be recycled
- Does not leave residue on parts
- Provides multimetal corrosion protection with VpCI action
- Protected parts can be used immediately without cleaning or degreasing
- More economical and secure than tape, twine, or strapping
- Holds protected parts securely in place
- Self-adhering film bonds to each layer for added strength
- Helps keep dust, dirt, and moisture off warehouse stock
- Can be applied with standard equipment

- Excellent clarity and cling
- Up to a 3:1 stretch ratio
- FDA approved for use on food containers and handling equipment following good manufacturing processes
- Recyclable, environmentally friendly

Packaging and Storage

DEBACOR CORTEC® VpCI® Machine Grade Stretch Film is available in 50 cm (20") and 76 cm (30") 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)

DEBACOR CORTEC® VpCI® Machine Grade Stretch Film should be stored indoors at room temperature, and sealed in its original packaging.

Typical mechanical properties of DEBACOR CORTEC® VpCI® Machine Grade Stretch Film

Property		Test Method	Units		
Caliper		ASTM D6988	Microns	25	50
Breaking Factor	MD	ASTM D882-02	N	28,61	50,13
	TD			27,22	47,77
Tensile Strength at Break	MD	ASTM D882-02	N/mm ²	33,34	36,16
	TD			34,41	37,02
Elongation at Break	MD	ASTM D882-02	%	647.17	680.05
	TD			730.74	737.11
Tear Strenght	MD	ASTM D1922-06a	mN	1569.60	5179.68
	TD			5791.83	11379.60
Dart Drop Impact Resistance		ASTM D1709-04, Test Method A	grams	819.16	> 1300
Coefficient of Friction	Static	ASTM D1894		1.20	0.40
	Kinetic			1.23	0.47

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

CORTEC® VpCI® Stretch Film is produced by Cortec Corporation and EcoCortec (a European Subsidiary of Cortec Corporation)

DEBACOR CORTEC® VpCI®-Machine Grade Stretch Film

Article no.	roll width in mm	strength in µm	meter/roll	kg/roll	core diameter	No. on pallet
112H0000180	500	35	1000	17	76	30