



HIGH PERFORMANCE VCI PACKAGING

Cor-Pak® VpCI™ Anti-stat Stretch Film



- Safe to handle and apply
- Does not interfere with electrical, optical or mechanical surface properties

APPLICATIONS

- Computers and telecommunications equipment
- Scientific instruments
- Electrical panels/components
- Marine, aerospace and military instruments
- Packaging medical devices sensitive to electrical interference
- Packaging and storage of munitions
- Unitizing loads of gun powders and finished explosives
- Packaging volatile products in controlled environment
- Unitizing loads in fertilizer plants where nitrites and nitrates are present
- Wherever environment dictates absence of electrical shock

DESCRIPTION

Cor-Pak® VpCI™ Anti-stat Stretch Film meets the anti-static requirements under MIL-B-81705C in a high performance stretch film with multi-metal corrosion protection and ESD protection!

The poor electrical conductivity of plastic film requires special attention in packaging applications where static discharges are unacceptable. Pressure and friction during stretch wrapping applications will produce static discharges. These can be quite significant and cannot be dissipated by grounding.

Cortec Laboratories developed this specialty film for electronics, munitions, fertilizers and any industrial applications where static discharge could result in dangerous packaging conditions.

BENEFITS

- Meets MIL-B-81705C
- Proven multimetal corrosion protection
- Meets MIL-B-22019
- 300% pre-stretch possible (400% yield)
- Eliminates normal static with stretch film
- Visual inspection for security and control
- Eliminates costly barrier packaging
- Source reduction and fully recyclable

FEATURES

- Dissipates static discharges
- Cor-Pak® VpCI™ Corrosion Control
- High performance stretch film
- Acceptable in dangerous environments
- See-through packaging
- Cost effective system
- LLDPE #2 Plastic, thus fully recyclable
- Non-toxic
- Multi-functional protection

PHYSICAL PROPERTIES (1.5 mil)

Surface Resistivity	
Limit	1.0 x 10 ⁵ - 1.0 x 10 ¹² ohm/sq
outside	3.62 x 10 ¹¹ ohm/sq
inside	2.02 x 10 ¹¹ ohm/sq
Static Decay	
Limit	2 sec
+ 5000 Volts	0.11 sec
- 5000 Volts	0.11 sec



Load at Break (PSI)	MD 4100 PSI CD 3900 PSI
% Elongation at Break	MD 680% CD 870%
Tear Test Radial	MD 500 gf CD 1260 gf
Puncture Resistance	820 grams/mil

PACKAGING AND STORAGE

Available in standard machine film sizes and gauges.
Contact Cortec Customer Service for inquiries and custom requirements.

FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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.



4119 White Bear Parkway, St. Paul, MN 55110 USA
 Phone (651) 429-1100, Fax (651) 429-1122
 Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
 Internet http://www.CortecVpCI.com

printed on recycled paper 10% post consumer

Revised 10/22/01. Cortec Corporation 2001. All rights reserved. Supersedes: 7/12/01. Cor-Pak® and VpCI™ are trademarks of Cortec Corporation

Distributed by:



OTiK Sp. z o.o.
 ul. Hutnicza 4
 81-061 Gdynia
 tel.: 58 6230498
 fax: 58 6230496
 otik@use.pl
 www.inhibitory.use.pl



Certificate No.70781

Certificate No.81867