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## HIGH PERFORMANCE VpCI® PACKAGING

# Cor-Pak® VpCI® Anti-stat Stretch Film



### 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
- 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
- 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

### 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 <sup>5</sup> - 1.0 x 10 <sup>12</sup> ohm/sq
outside	3.62 x 10 <sup>11</sup> ohm/sq
inside	2.02 x 10 <sup>11</sup> 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 SAFETY DATA SHEET FOR MORE**

**INFORMATION**

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