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 10^5 - 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 SAFETY DATA SHEET FOR MORE INFORMATION

LIMITED WARRANTY

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