MidSouth PACKAGING INC.

VAPOR CORROSION INHIBITOR (VCI) POLYETHYLENE FILM

SPECIFICATION DATA SHEET

Description – MidSouth Packaging, Inc. multi-metal vapor corrosion inhibitor polyethylene tubing, bags, and sheeting, emit a vapor that condenses on the entire surface of a part and forms a corrosion-inhibiting protective layer.
VCI film meets the vapor inhibitor ability requirements of Type I, Mil-PRF-22019D Performance Specification for barrier materials, transparent, flexible, sealable, volatile corrosion inhibitor treated.

TYPE I – Heat sealable
VCI bags meet the vapor inhibitor ability requirements of Class I, Mil-B-22020D Military Specification for bags, transparent, flexible, sealable, volatile corrosion inhibitor treated.

CLASS I – Heat sealable

Performance - VCI bags containing 5% let down ratio
Test Cycle
Samples placed in recloseable bags for 36 hours
Samples placed in corrosion chamber for 12 hours @ >90% R.H. @ 55° Celcius

No sign of corrosion after 10 cycles

Sizes - 4" up to 98" flat tubing, bags, or sheeting
6" up to 130" gusseted tubing, bags, or sheeting

Properties - Color - Blue Tint, Yellow Tint, Clear, all custom colors

Thickness - 001 mil to 008 mil

Extrusion - Mono layer extruded

Applications -For use in packaging where vapor corrosion inhibiting properties are required. VCI bags and sheeting are an environmentally-friendly alternative to oil coatings and barrier bag/desiccant methods. For use with ferrous and non-ferrous materials including steel, iron, copper, brass, zinc, galvanized (zinc-plated steel and iron), cadmium and aluminum, nickel and nickel alloys.

Certification documentation available with shipments

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