

CEL-SPAN® VCI 720N



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Vapor corrosion inhibitor additive for film applications.

Cel-Span® VCI 720N is a Vapor Corrosive Inhibitor or anticorrosion inhibitor concentrated in pellet form in a polyolefins base resin. This product emits a vapor that adheres to the surface of the part and forms a corrosion inhibiting layer protecting metals from corrosion. Cel-Span® VCI 720N is free from nitrates with no adverse effects in use. The direct cost of atmospheric corrosion initiative of oxygen, moisture, and acid type compounds in metals and alloys is estimated at 5 billion annually. The use of VCI (Vapor Corrosive Inhibitors) is one way to protect these metals from corrosion. These VCI products emit a vapor that condenses on the surface of the part and forms a corrosion-inhibiting layer.

Applications: Blown Film

Melt Flow: 20 LDPE (grams/10 min.), at 190°C

Blend Density: 0.945 g/cc

Types of Resins: PE

Amount Required: 4% - 6% (depending on thickness of film)

Features and Benefits:

- Meets Military specification PRF-22019E
- Multi Metal formulation
- RoHS compliant

Cel-Span® VCI 720N is heat sealable with standard equipment. However, bags or sheets can be tied, folded, taped, or stapled for protection equivalent to a heat sealable enclosure. The VCI film does not have to be in contact with the metal to protect, the vapors travel to all portions of the enclosure. Anti-corrosion properties are activated immediately after the production of the film. VCI films exhibit anti-corrosion properties at temperatures below 5°C/41°F. Optimum protection effect is best when objects are completely sealed within the film. This product is free from nitrates with no adverse health effects from the use of this product are known. All additives in the formulation are GRAS & TOSCA approved. Cel-Span® VCI 720N is packaged in 220 lb. polyethylene lined fiber drums. We recommend that this product be kept closed in its original container and in a dry place.

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