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PRESS RELEASE



VpCI®-126 FR Film to the Rescue for Corrosion Protection and Enhanced Fire Safety

Corrosion protection and flame retardancy are two things that the average person might not think of when looking at packaging options. However, they are sometimes serious considerations for those responsible for warehousing or shipping metal goods or equipment. Cortec's VpCI®-126 FR serves as an excellent packaging solution in situations where there is a greater concern on both counts.



The risk for corrosion is especially high in non-climate-controlled warehouses or shipping containers that experience extreme temperature and humidity swings or are located in seaside environments. Longtime assets or newly manufactured goods can gradually rust and deteriorate if not sufficiently protected, leading



to more problems with customer rust claims or eventual equipment malfunctions. At the same time, warehouses must take precautions for fire safety in order to preserve life and property in a space where there is a high volume of material to burn—including plastic packaging, which can add fuel to the fire. Some shipping applications may also be at greater risk for fire than others, depending on the materials or conditions involved.

Fortunately, packaging buyers do not have to choose between addressing one problem or the other when it comes to storing and shipping metal components. VpCI®-126 FR combines the corrosion inhibiting qualities of Cortec’s best-selling VpCI®-126 Film with flame retardant properties to slow down the spread of fire should it start, in hopes of allowing more escape time for personnel and opportunity for sprinkler systems or firefighters to do their work. To this end, VpCI®-126 FR has been third-party tested and found to pass NFPA 701-2010 “Fire Test for Flame Propagation of Textiles and Films,” Test Method 2 (Flat Configuration).

NFPA 701-2010, TEST METHOD 2 (Flat Configuration).

Parameter	VpCI®-126 FR	Requirements
After Flame, sec.	0.0	2.0 max
Char Length, inch	11.9	17.1 max
Drippings and Flaming, sec.	0.1	2.0 max
Conclusion	Pass	

In addition to flame retardancy, metal parts packaged in Cortec® VpCI®-126 FR receive continuous protection against salt, excessive humidity, condensation, moisture, aggressive industrial atmospheres, and dissimilar metal corrosion. Vapor phase Corrosion Inhibitors within the film vaporize and then condense on metal surfaces in the enclosed package, forming a protective molecular layer against corrosion. VpCI®-126 FR Film and Bags provide complete product protection during storage as well as during domestic and overseas shipments, virtually eliminating rust claims.

VpCI®-126 FR Film also allows users to replace conventional rust preventatives such as oils and desiccants and minimizes the time and labor previously required for degreasing or coating removal. The metal part or equipment can be used immediately after taking it out of the VpCI®-126 FR Film. VpCI®-126 FR offers protection for the following substrates:

- Aluminum
- Galvanized Steel
- Carbon Steel
- Silicon Steel
- Stainless Steel
- Silver
- Copper
- Solder
- Brass



15% Recycled Content

VpCI®-126 FR is manufactured using processes that minimize waste and adhere to top-quality standards. At Cortec®, this means an estimated 15 percent pre-consumer and/or post-consumer recycled content is incorporated back into the film on average while still ensuring the quality of the new product. Used VpCI®-126 FR Film can also be recycled into new product.

Corrosion and fire are real threats that warehouse operators and shipping companies must consider, more or less, in their day to day decisions, depending on the corrosiveness of the environment or the number of fire hazards present. VpCI®-126 FR addresses both concerns in one flame retardant corrosion inhibiting packaging film.

Learn more about VpCI®-126 FR here:

https://www.cortecvci.com/Publications/PDS/VpCI-126_Blue.pdf

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