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PRESS RELEASE



Unleash the Environmental and Performance Advantages of VpCI®-148 Grease Resistant Paper!

Metals packaging calls for different materials in different circumstances. In many cases, VCI films and bags play a critical role in protecting metals from corrosion and rust during storage and shipment. In other cases, Cortec® VpCI® Paper is the preferred option in terms of cushioning, environmental impact, and the handling of residual moisture on warm parts going into a package.

When it comes to grease resistance in particular, Cortec® VpCI®-148 Paper stands out with exceptional environmental and performance advantages for specialty applications.



Cortec® VpCI®-148 is a protective packaging paper for ferrous and non-ferrous metals. It provides corrosion protection on one side and excellent resistance to grease, oil, and solvents on the other. It is available in custom sizes wider than the industry average to accommodate large parts. Furthermore, it offers a degree of natural cushioning not found in standard VCI plastic.



VpCI®-148 Paper also presents positive environmental aspects and a worker friendly profile. As paper, it is sourced from renewable materials, whereas common VCI plastics are sourced from fossil fuels. Furthermore, it uses a water-based coating for grease resistance, rather than the wax or poly coatings typically used for barrier papers. VpCI®-148 Paper is non-hazardous and free of fluorochemicals, nitrites, phosphates, silicones, chromates, and other heavy metals.

Because of its oil and grease resistance, VpCI®-148 Paper is ideal for protecting bearings and other metal parts that require lubrication or cannot be cleaned from residual process oils before packaging. VpCI®-148 protects against humidity, SO₂, H₂S, and galvanic corrosion from dissimilar metals. Possible uses include single item packaging, as well as interleaving, lining, or separating multiple metal parts in the following sectors:

- **Metalworking:** stamping, sheet metal work, springs, bearings, fasteners, tubes, pipes, nails, etc.
- **Metal forging and die casting:** raw and machined forgings and castings
- **Finished products:** engines, machinery, equipment, tools, hardware, appliances, instruments, motors, etc.



An excellent example of how VpCI®-148 protected in the presence of process oils comes from a leading European automaker that was experiencing tarnish spots and corrosion on SUV frames wrapped in VCI film. The problem occurred because it was not possible to remove the process oil from the frames before

shipping. The process oil was making the polyethylene film break down and allowing the metal to corrode and tarnish at these points, causing the frames to be rejected.



Cortec® came to the rescue by providing VpCI®-148 Paper. Cortec® was the only supplier able to produce the rolls of grease resistant paper at almost 2.5 meters (98”) wide, the size needed to wrap the large frames. VpCI®-148 Paper eliminated the tarnish and corrosion problem even in the presence of process oil, thus proving to be more suitable for the application than the previously used VCI polyethylene film.

Each packaging application can be different, so it is important to be ready for any situation. In some cases, VpCI® Film and Bags will be the best solution. In others, VpCI®-148 Paper will be ideal due to its sustainable sourcing, large format, and excellent grease and oil resistance. Be ready for these specialty applications by learning more about VpCI®-148 Paper today:

<https://www.cortecpackaging.com/product/vpci-148-paper/>



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