

SPG Plastics Group
Volatile Corrosion Inhibiting Products
12/31/03

VCI Papers

Paper as a packaging material has its own unique advantages: Easy to use Good tensile strength Scratch and abrasion resistant Ideal for work layout High heat resistance, rigidity Sets up VCI protection quickly

SPG VCI papers come in a variety of grades. Larger or irregular shaped products should be protected with heavier grades of paper, while smaller parts can use lighter basis weights. Several SPG VCI products feature special substrates that combine corrosion protection with barrier packaging. Barrier coated papers and films protect against moisture and grease; laminated grades afford heavy-duty protection against the environment. SPG VCI papers are available in standard 36" or 48" rolls, and widths up to 120". Papers can be converted into bags, envelopes, and wrappers for individual parts, shrouds for large pieces or stacks of parts, covers and liners. SPG VCI has several weights of Kraft, plain or barrier coated papers to protect against moisture and grease. Laminated grades are available with polyethylene for heavy-duty protection against the environment as well. SPG VCI can custom-print paper with your logo for easy brand identification to your customers. Your logo, instructions or message appears in crisp, clear detail.

Guideline for using VCI: Packaging personnel should always wear gloves while handling metal parts.

- Parts should be clean and free of fingerprints before wrapping. Package your clean products as quickly as possible. The unprinted side of SPG VCI paper should face the metal. The metal part should be no more than 12" from the VCI product. The closer to the metal, the better the corrosion protection. As a general rule, use 1 sq. ft. of VCI for every 1-3 sq. ft. of metal surface. Use at least 1 sq. ft. of VCI for every cubic foot of void space. Use SPG VCI to separate metal from acidic packing materials such as corrugated boxes and wooden pallets in order to prevent corrosion at the contact points. The duration of protection depends on the VCI paper and packing method used. Packages may be opened and resealed without affecting the corrosion protection. (Avoid touching metals during the inspection). SPG VCI recommends inventorying no more than a six-month supply of VCI papers or film. Store unused VCI in a cool, dry place, away from direct sunlight. Shade variations in the color of SPG VCI papers are inherent and do not affect the length, quality or effectiveness of the corrosion protection. For best results, SPG VCI recommends testing the VCI product for compatibility prior to use

Ferrous VCI Papers

SPG VCI offers a comprehensive line of papers to protect ferrous metals, including steel, cast iron, and chrome, from corrosion.

Nox-Rust® Vapor Wrapper® papers provide maximum, long-term protection: VW35D VW60D PC55D VW100D

Protek Wrap® provides excellent protection for ferrous metal: PW30 PW32 PW33

Military Grades are on the U.S. Dept. of Defense Qualified Products List (QPL) for military specification MIL-PRF-3420 (Packaging Materials, Volatile Corrosion Inhibitor Treated, Opaque). VW35H VW35HC VW60H VW60HC VW70H

Non-Ferrous VCI Papers

SPG VCI has packaging papers to protect a variety of specialty metals commonly used in electronics, aerospace, and other precision parts manufacturing. **The product pages are linked below:** Alumitex (AT35) Coppertex (CPTX) Silver Saver (SS)

Multi-Metal Papers The following papers are in the SPG VCI Multi-Metal product family. UWA UW200 UW33A UW94A PC55A

Price FOB Ontario, CA

Item Code	Metal Type	Term of Protection	inch width x length/roll	Price/roll FOB Ontario, CA
VW35D	steel, iron & ferrous metals	long	36x600ft/roll	
PC55D	steel, iron & ferrous metals	long	36x600ft/roll	
VW60D	steel, iron & ferrous metals	long	36x600ft/roll	
PW32	steel, iron & ferrous metals	short	36x600ft/roll	
WH35H	steel, iron & ferrous metals	long	36x600ft/roll	
VW35HC	steel, iron & ferrous metals	long	36x600ft/roll	
VW60H	steel, iron & ferrous metals	long	36x600ft/roll	
VW60HC	steel, iron & ferrous metals	long	36x600ft/roll	
UNI-A	ferrous & non-ferrous metals	short	36x600ft/roll	
UNI-200	ferrous & non-ferrous metals	short	36x600ft/roll	
UNI-210	ferrous & non-ferrous metals	short	36x600ft/roll	
Coppertex	copper, brass, bronze	short	36x600ft/roll	
Silver Saver	silver	short	36x600ft/roll	
Alumitex	aluminum	short	36x600ft/roll	