

HIGH PERFORMANCE VpCI® PACKAGING

SilverBrite™ VpCI® Paper

Tarnish Inhibitor for Silver, Copper, and Brass



PRODUCT DESCRIPTION

SilverBrite is a tarnish inhibiting packaging paper specifically for precious metals such as silver, gold and tin. SilverBrite is a unique product, in that one side of the paper has a special coating that scavenges or seeks out H₂S gas. When a significant amount of H₂S gas has been absorbed by the paper, the paper will change color from light blue to brown. On the other side of SilverBrite, is a tarnish inhibitor that will protect precious metals for up to two years or until the opposite side of the paper has significantly changed color from light blue to brown. SilverBrite will eliminate the need for coatings and tarnish removers that are often associated with precious metals. Rest assured, knowing that your valuable precious metals will have the same exact appearance as prior to using SilverBrite. SilverBrite will in no way hinder further processing of your precious metals. SilverBrite is simple to use, simply wrap your precious metals and fold edges together so there is no free airflow. The VpCI® coating on the paper vaporizes, reaching all

metal surfaces to provide complete tarnish inhibition. With many tarnish inhibitors, there is a need to remove after use, but with SilverBrite, there is no removal needed of the inhibitor. SilverBrite will in no way affect further processing of the precious metal or affect physical properties such as conductivity or surface resistivity.

TYPICAL APPLICATIONS

SilverBrite can be used to protect products for storage and shipment in a wide variety of ways. Use SilverBrite for single item packaging or for multiple item packaging. Insert strips for recessed areas in large packages, for sheet liners or separators between products

- Electrical and electrical components, controls, etc
- Finished products: silverware, jewelry box linings, precious metal shipping container linings, wrapping for precious metals

FEATURES

- Contains hydrogen sulfide scavenger and saturation indicator
- Effective against aggressive environments including humidity, SO₂, H₂S and galvanic corrosion from dissimilar metals
- Combines protection from tarnish and packaging into one step
- Non-toxic. Contains no nitrites, phosphates, silicones, chromates or other heavy metals

METHOD OF APPLICATION

SilverBrite is a multicolored paper. One side being white, and opposite side the color blue. When packaging, the white colored face of the paper must face to the metal. The opposite side of the paper, which is blue, will then absorb contaminants, thus preventing them from reaching the surface of the metal.

Products should be packaged as soon after cleaning as possible, but completely dried of residual water. Keep SilverBrite near the surface of the product as practical,



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Environmentally Safe VpCI®/MCI® Technologies

leaving no barrier between the SilverBrite and the metal surface.

Use approximately 1 square foot (0.09 m²) of VpCl paper for every 3 square feet (0.28 m²) of surface to be protected, and 1 square foot (0.09 m²) of SilverBrite for every 0.5 cubic foot (0.01 m³) of void space. For long term storage exceeding two years, enclose the wrapped product in an airtight package.

METALS PROTECTED

- Silver
- Copper
- Gold
- Brass
- Tin

**Hydrogen sulfide cycling test results
(50°C/16 hours, 25°C/8 hours)**

H ₂ S Concentrate	
Sample	Result
Unprotected Silver	Heavy Tarnish
Silver protected with SilverBrite VpCl Paper	No visible Tarnish

PACKAGING AND STORAGE

Available in standard and custom size rolls and sheets.

FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY SEALED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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