



PRODUCT DATA SHEET

MEDIUM HEAT RESISTANT POWDER COATING

V-0 VINTAGE COPPER VEIN 1PC-619-0113

DESCRIPTION

This product is designed to be a low gloss textured metallic coating for steel and aluminum substrates. This product is formulated with non-silicone high temperature resistant powder coating resins for higher temperature service.

Benefits

- It is designed to be a system with good electrostatic properties and it will give good performance over a range of film thickness.
- This product type has been tested at temperatures up to 450°F with good results.

SPECIFICATIONS

Cure Schedule	10 mins @ 400°F
Specific Gravity	1.55 +/- 0.05
Theoretical coverage for 1 mil	124ft ²
Film build between	2.5 – 4.5 mils
Recommended film	3.5 mils

TYPICAL PROPERTIES

Gloss	Low Visual
Pencil Hardness	>H

SURFACE PREPARATION

Standard iron and zinc phosphate on clean steel or standard cleaning of aluminum are appropriate. Higher temperature coatings require cleaner substrates. Phosphate pretreatments have temperature limits, which must be observed.

Heavily textured coatings do not provide adequate barrier protection over ferrous metal substrates. A primer is recommended for corrosion protection in outdoor applications.

APPLICATION

Electrostatic application to room temperature substrate is recommended. Reduced voltages can improve coating film thickness uniformity. As with all metallic blends, this powder is sensitive to application conditions. Good ground and medium electrostatic spray voltages will improve reproducibility. Good gun movement across the part is also necessary.

STORAGE

This product should be stored at temperatures below 80°F for up to 6 months.

CAUTION

Adequate health and safety precautions should be observed during storage, handling, use and curing periods.

**READ MATERIAL SAFETY DATA SHEETS
BEFORE USING THIS PRODUCT**

LIMITATIONS

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under then existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstance are we liable for incidental and consequential damages.

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