

# PRO-SHIELD® 7108

## SILVER FILLED ELECTRICALLY CONDUCTIVE COATING

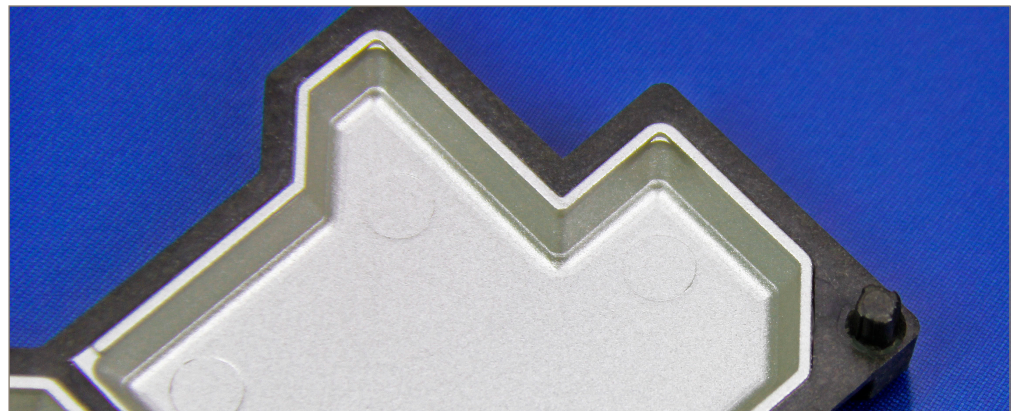


### Customer Value Proposition:

Parker Chomerics PRO-SHIELD® 7108 is a silver filled electrically conductive coating.

Parker Chomerics PRO-SHIELD® 7108 is a silver filled, electrically conductive coating designed to provide premier EMI shielding and surface conductivity for plastic parts and enclosures.

PRO-SHIELD® 7108 is a dependable EMI solution for the protection of critical electronic equipment. Available in 12 fluid ounce aerosol cans, it is great for spraying prototypes and performing initial qualification testing.



### Product Features:

- One component acrylic
- Silver in color
- Fully cured in twenty four hours
- Surface resistivity: < 0.10 ohm/sq
- Shielding effectiveness: 80+ dB

### Typical Applications:

- Electronic assemblies
- Medical devices
- Industrial cabinets
- Access panels
- Engine Control Modules (ECMs)
- Telecom Infrastructure
- Portable electronics

### Contact Information:

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For best adhesion, PRO-SHIELD 7108 should be applied to a clean, dry, and oil free surface. A primer may be required for adhesion to solvent resistant plastics.

Note: Coating may blush (white discoloration of drying surface) when applied in a high humidity environment (temperature >80 F and relative humidity > 50%).

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PRO-SHIELD 7108



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# Product Information

## PRO-SHIELD 7108 ELECTRICALLY CONDUCTIVE PAINT

PRO-SHIELD 7108		
Typical Properties	Typical Values	Test Method
Packaging	Quart, Aerosol, Gallon	N/A
Primer Included	No	N/A
Polymer Family	Acrylic	N/A
Filler Material	Silver	N/A
Color	Silver	N/A
Surface Resistivity (ohm-sq)	< 0.10	N/A
Shielding Effectiveness (dB) Avg.	70-89	CHO-TM-TP11
Calculated VOC (g/L)	752	Calculated
Average solids (weight) %	32	Calculated
Average solids (vol.) %	9.42	Calculated
Specific Gravity	1.1	ASTM D792
Theoretical Coverage* (ft <sup>2</sup> /gal)	151	Calculated
Recommended Thickness (mil)	0.001	N/A
Shelf life, date of manufacture (months)	9, 12 for 90-10-7108-000	N/A

### Ordering Information

Part Number	Packaging	Weight (grams)
90-04-7108-0000	1 quart aluminum can	910
90-10-7108-0000	12oz Aerosol Can	290
90-03-7108-0000	Gallon	3640

 WARNING: This product contains chemicals known by the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)