

# PRO-SHIELD® 7108

## SILVER FILLED ELECTRICALLY CONDUCTIVE COATING

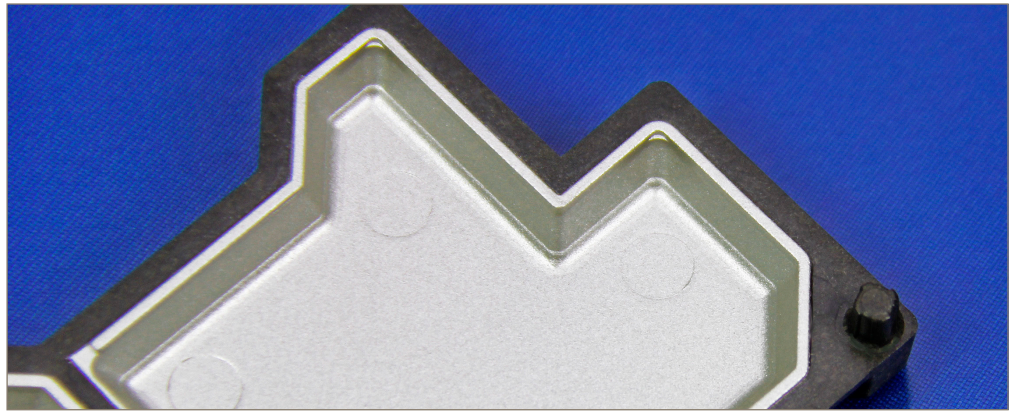


### Customer Value Proposition:

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: < .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



ENGINEERING YOUR SUCCESS.


# 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-CM)                 | < 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)