

# PRO-SHIELD® 7008

## SILVER FILLED ELECTRICALLY CONDUCTIVE SILICONE SEALANT



### Customer Value Proposition:

Parker Chomerics PRO-SHIELD® 7008 is a silver filled electrically conductive silicone sealant that is highly conductive.

It is used as a sealant or gap filler and designed for applications which require superior electromagnetic interference (EMI) shielding performance.

PRO-SHIELD 7008's pure silver filler provides great conductivity for the electrical grounding of electronic components and antennas. Packed in 30 CC syringes, PRO-SHIELD 7008 offers a premium electrically conductive sealing solution for applications which require the dispensing of small diameter beads with little to no waste.

### Contact Information:

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### Product Features:

- Easy to use
- One component – no mixing or weighting required
- Moisture cure silicone – tack free in 4hrs, reaches full cure in 3 days
- Volume resistivity: < 0.030 ohm-cm.
- Shielding effectiveness: >70 dB
- Lap shear: 125 PSI

### Typical Applications:

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



WARNING: This product can expose you to FORMALDEHYDE, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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# Product Information

## PRO-SHIELD 7008 ELECTRICALLY CONDUCTIVE SEALANT

PRO-SHIELD 7008		
Typical Properties	Typical Values	Test Method
Packaging	30 cc syringe, 6oz EFD tube	N/A
Primer Included	No	N/A
Polymer Family	Silicone	N/A
Filler Material	Silver-Plated Copper	N/A
Color	Gray	N/A
Volume Resistivity (OHM-CM)	0.030	CHO-MAT 1002* (Q/C)
Shielding Effectiveness (dB) Avg.	> 70	CHO-TM-TP11
Minimum Lap Shear Strength**	125 psi (862 kPa)	CHO-95-40-5300* (Q/C)
Calculated VOC (g/L)	0	Calculated
Theoretical Coverage Area at 0.010" Thick per Pound (454 grams)	775 in <sup>2</sup> (5000 cm <sup>2</sup> )	N/A
Specific Gravity	3.6	ASTM D792
Shelf life, date of manufacture (months)	9	N/A


\* Test method is available from Parker Chomerics.

\*\* Minimum values listed are based on using PRO-SHIELD 7201 primer sold separately.

### Ordering Information

Part Number	Packaging	Weight (grams)
90-05-7008-0000	30cc syringe	70
90-01-7008-0000	6oz EFD tube	225

Primer not included. For best adhesion, Chomerics recommends applying PRO-SHIELD 7201 primer to a cleaned and degreased substrate before applying PRO-SHIELD 7008.

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