

# PRO-SHIELD® 7002

ONE COMPONENT CORROSION RESISTANT  
ELECTRICALLY CONDUCTIVE SILICONE  
SEALANT



## Customer Value Proposition:

Parker Chomerics PRO-SHIELD® 7002 is a nickel plated graphite filled electrically conductive silicone sealant.

It is an easy to use electrically conductive sealant or gap filler for use on horizontal or vertical surfaces. PRO-SHIELD 7002 flows smoothly for application on parts with complex geometries and difficult to fill crevasses.

PRO-SHIELD 7002 is a cost-effective solution for reducing electromagnetic interference (EMI) in commercial electronics.

## Contact Information:

Parker Hannifin Corporation  
Chomerics Division  
77 Dragon Ct.  
Woburn, MA 01801 USA

phone 781 935 4850  
fax 781 933 4318  
CHomailbox@parker.com

[www.parker.com/chomerics](http://www.parker.com/chomerics)




## Product Features:

- Easy to use
- One component – no mixing or weighting required
- Moisture cure silicone – tack free in 24hrs, reaches full cure in 7 days
- Volume resistivity: < 0.8 ohm-cm.
- Shielding effectiveness: 40-60 dB
- Lap shear: 125 PSI

## Typical Applications:

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

 WARNING: This product can expose you to **TITANIUM DIOXIDE**, **NICKEL**, and **FORMALDEHYDE** which are known to the State of California to cause cancer, and **METHANOL** which is known to the State of California to cause birth defects and/or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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# Product Information

## PRO-SHIELD 7002 ELECTRICALLY CONDUCTIVE SEALANT

PRO-SHIELD 7002		
Typical Properties	Typical Values	Test Method
Packaging	30cc syringe, 6oz EFD tube	N/A
Primer Included	No	N/A
Polymer Family	Silicone	N/A
Filler Material	Nickel-Plated Graphite	N/A
Color	Gray	N/A
Volume Resistivity	0.800 ohm-cm	CHO-95-40-5555* (Q/C)
Shielding Effectiveness (dB) Avg.	40-60 dB	CHO-TM-TP11
Calculated VOC (g/L)	0	Calculated
Specific Gravity	2.2	ASTM D792
Shelf life, date of manufacture (months)	9	N/A

### Ordering Information

Part Number	Packaging	Weight (grams)
90-05-7002-0000	30cc syringe	54
90-01-7002-0000	6oz EFD tube	275

Primer not included. For best adhesion, Chomerics recommends applying PRO-SHIELD 7201 primer to a cleaned and degreased substrate before applying PRO-SHIELD 7002.

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