

PRELIMINARY PRODUCT DATA SHEET

CHOMERICS

LEADER IN EMI SHIELDING INNOVATION, DESIGN, AND TESTING TECHNOLOGY



CHOMERICS® 4968 Silicone Coating

CHOMERICS 4968 coating is a two-component silicone polymer system used to protect electronic components and assemblies against moisture, abrasion, dust and chemicals. It is particularly intended to protect and insulate applications for CHO-SHIELD 4966 conductive coating.

For recommended surface preparation and spray procedure, contact Chomerics' Applications Laboratory.

TYPICAL PROPERTIES

Polymer	Silicone
Color	Clear
Mix Ratio (by weight)	10:1 as supplied
Viscosity, cps	100 (when mixed)
Specific Gravity	1.02
Cure Temperature, °C	125
Cure Time (hrs.)	2.0
Shelf Life	12 months @ RT
Volatile Organic Compounds (VOC)	100% solids as supplied 366 g/l at a typical spray viscosity
Operating Temperature, °C	-60 to 204
Dielectric Strength, KV/mm @ 1.9 mm thickness	20.5
Dielectric Constant @ 1000 Hz	2.7
Dissipation Factor @ 1000 Hz	0.0006
Volume Resistivity, ohm-cm	3.2×10^{15}

CHOMERICS

 Parker Seals

Chomerics, Inc.
77 Dragon Court
Woburn, MA 01888-4014
Tel: 617-935-4850
FAX: 617-933-4318

ISO
9001
CERTIFIED

Parker Hannifin PLC
Chomerics Europe
Parkway, Globe Park Estate
Marlow, Bucks., SL7 1YB, England
Tel: (44) 1628 486030 FAX: (44) 1628 890053
France Freephone Tel: (0590) 8170
Germany Freephone Tel: (0130) 818074

ISO
9002
CERTIFIED

NOTICE: The information contained herein is to the best of our knowledge true and accurate. However, since the varied conditions of potential use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part and users should make their own tests to determine the suitability of our products in any specific situation. **This product is sold without warranty either expressed or implied, of fitness for a particular purpose or otherwise, except that this product shall be of standard quality, and except to the extent otherwise stated on Chomerics' invoice, quotation, or order acknowledgement.** We disclaim any and all liability incurred in connection with the use of information contained herein, or otherwise. All risks of such are assumed by the user. Furthermore, nothing contained herein shall be construed as a recommendation to use any process or to manufacture or to use any product in conflict with existing or future patents covering any product or material or its use. The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated on the document entitled "Offer of Sale," available from Chomerics on request.

