



Optic  
Clear  
Solutions

## EMI/RFI Blocking Sprayable Pre-Mix KLeGuard

Catalog Listing  
ES-SC1610/15-Zx-Rx-Cx

Drawn by: RPH

Revision: B Date: 16JAN23

Scale: None

Tolerances: See Figure

Approval:

Sheet 1 of 1

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Notes: Unless Otherwise Specified.

1. Material: Liquid EMI/RFI blocking Pre-mix 1-part (homogenous) suitable for spray applications and brush on.
2. Typical Blocking Performance
  - 1MHz to 30MHz Min. 10dB\*
  - 100MHz to 999MHz Min. 15dB\*
  - 1GHz to 5GHz Min. 15dB\*

*\* Spray thickness of less than 200 microns, tested in EMI chamber*
3. Color: Dark gray.
4. Fully cured: Minimum 24 hrs. air cured @ 25 degrees Celsius or 12 hrs. oven cured 30-40 degrees Celsius per coat.  
*For Optimum results, OCS recommend oven cured*
5. For handling: Minimum 2hrs. air cured
6. Available in US pints and half pints. Larger volumes are available through special order.
7. Can be applied directly to circuit boards, cables/connectors, and workstations. Please note that Circuit boards or bare metal components that are electrified must be conformal coated prior to applying the coating as Kleguard is conductive. Effective minimum coating is 200 microns thickness.
8. Effective in meeting MIL-STD-461 compliance standards with a suitable number of coated layers applied.
9. Solvents resistance such as acetone, DMF, CHC13
10. Scratch resistance
11. Excellent adhesion - to remove will required an aggressive method similar to sanding.