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| | Property | Test procedure (type of test) | CHO-SEAL 1215 |
|-------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Physical | Molded (M) or Extruded (E) | – | M/E |
| | Conductive Filler | – | Ag/Cu |
| | Elastomer Binder | – | Silicone |
| | Type (Ref. MIL-DTL-83528) | – | Type A |
| | Volume Resistivity, ohm-cm, max., as supplied without pressure sensitive adhesive | CEPS-0002 C (Q/C) | Not Applicable |
| | | MIL-DTL-83528 (Q/C) | 0.004 |
| | Hardness, Shore A | ASTM D2240 (Q/C) | 65 ± 7 |
| | Specific Gravity | ASTM D792 (Q/C) | 3.50 ± 0.45 |
| | Tensile Strength, psi (MPa), min. | ASTM D412 (Q/C) | 200 (1.38) |
| | Elongation, % min. or % min./max. | ASTM D412 (Q/C) | 100/300 |
| | Tear Strength, lb/in. (kN/m), min. | ASTM D624 (Q) | 40 (7.00) / 25 (4.38) |
| | Compression Set, 70 hrs at 100°C, % max. A | ASTM D395, Method B (Q) | 32 |
| Thermal | Low Temperature Flex TR10, °C, min. | ASTM D1329 (Q) | -65 |
| | Maximum Continuous Use Temperature, °C B | – | 125 |
| | Thermal Conductivity, W/m-K (Typical) 300 psi (2.07 MPa) | ASTM D5470 | 21 |
| Electrical | Shielding Effectiveness, dB, min. E | Method 1: CHO-TM-TP08 C (Q) Method 2: MIL-DTL-83528 Para.4.6.12 (Q) Method 3: CHO-TM-TP09 C (Q) | Method 2 |
| | 200 kHz (H Field) | | 70 |
| | 100 MHz (E Field) | | 120 |
| | 500 MHz (E Field) | | 120 |
| | 2 GHz (Plane Wave) | | 120 |
| | 10 GHz (Plane Wave) | | 120 |
| | 40 GHz (Plane Wave) | | 90 |
| | Electrical Stability, ohm-cm, max. | | |
| | Heat Aging | CEPS-0002 C (Q) | Not Applicable |
| | | MIL-DTL-83528 Para 4.6.15 (Q/C) | 0.010 |
| | Resistance During Vibration | MIL-DTL-83528 Para 4.6.13 (Q) | 0.004 |
| | Resistance After Vibration | MIL-DTL-83528 Para 4.6.13 (Q) | 0.008 |
| Post Tensile Set Volume Resistivity | MIL-DTL-83528 Para 4.6.9 (Q/C) | 0.008 | |
| Regulatory | EMP Survivability, kA per in. perimeter | MIL-DTL-83528 Para 4.6.16 (Q) | >0.9 |
| | RoHS Compliant | – | Yes |
| | UL 94 Flammability Rating | – | Not Tested |

(Q): Qualification (Q/C): Qualification & Conformance

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http://www.chomerics.com/products/emi/gaskets/cond_elast/specs/tables/1215.html

