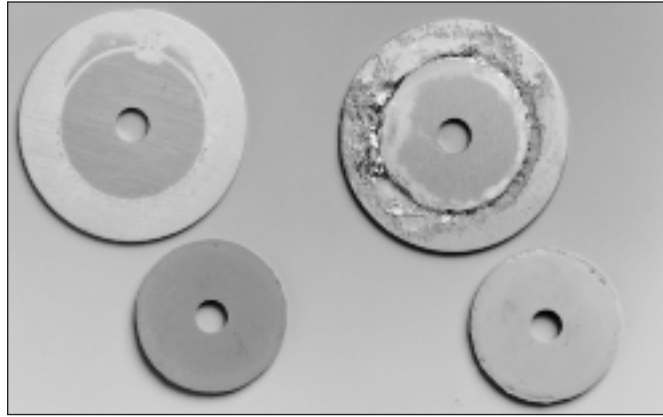


## CHO-SEAL 1298 Corrosion-Resistant EMI Shielding Gasket

CHO-SEAL 1298 elastomer incorporates unique particle plating and elastomer technology for increased corrosion resistance. When used in conjunction with the CHO-SHIELD 2000 series of corrosion-resistant conductive coatings on aluminum flanges, a *corrosion-proof* EMI flange system is obtained. CHO-SEAL 1298 gasket material is based on a silver-plated-aluminum filler dispersed in a fluorosilicone binder, with corrosion inhibiting additives that contain no chromates. It offers shielding effectiveness of 100 dB at 500 MHz and meets all requirements of MIL-G-83528 Type D (initial and aged). CHO-SEAL 1298 gasket material also has excellent resistance to fluids and fuels commonly used in aviation and industrial applications.

### Corrosion-Resistance Testing

Chomerics has completed extensive corrosion-resistance testing



Comparison of corrosion results obtained from CHO-SEAL 1298 conductive elastomer (left) and pure silver-filled elastomer (right) mated with chromated aluminum for 168 hours of salt fog exposure.

on CHO-SEAL 1298 gasket material using a gravimetric weight loss procedure. A copy of the test method (CHO-TM 100) is available on request from Chomerics. Test fixtures and elastomer samples are also available. Contact Chomerics' Applications Engineering Department for further information.

### Lightning Strike Resistance

The survivability of any system to lightning strike is dependent on specific flange design. Lightning strike

testing of CHO-SEAL 1298 gasket material has demonstrated survivability beyond 5 kA/in. Test data is available on request.

### Ordering Information

CHO-SEAL 1298 gaskets are available in all standard forms including molded, die-cut and extruded. The material is also available reinforced with Dacron fabric, woven wire mesh and/or 3M™ Nextel fabric.