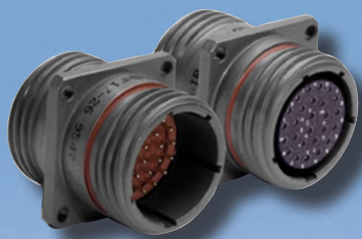



# 1000 Hour Grey™

## The Advanced Formula Ni-PTFE Plating Process for EMC Applications



 **Cadmium Free  
RoHS-Compliant  
Plating Process Breaks  
1000 Hour Corrosion  
Protection Barrier!**

The MIL-DTL-38999 Rev. L detail specification establishes several new cadmium-free conductive plating options including high-performance nickel-fluorocarbon polymer. The Glenair advanced formula **1000 Hour Grey™** plating process (Ni-PTFE) meets all D38999 performance requirements including a shell-to-shell conductivity maximum 2.5 millivolt drop potential. **1000 Hour Grey™** delivers outstanding performance in a broad range of land, sea, air and space interconnect applications. The non-reflective, non-magnetic, gun-metal gray surface finish is an ideal choice for tactical military systems with extraordinary corrosion protection and EMC requirements.

### **Advanced Durability, Conductivity, and Lubricity Plus Outstanding Corrosion Resistance!**

The mechanical, electrical and environmental performance of **1000 Hour Grey™** is truly outstanding, far surpassing that of other metal alloy/fluorocarbon polymer plating solutions:

- Salt spray 1000 Hrs. static, 500 hrs. dynamic
- Low shell-to-shell resistance
- -55°C to 175°C temp. Rating
- 336+ hrs. sulfur dioxide resistance
- Non-magnetic
- Cadmium free
- Low coefficient of friction
- Hexavalent chromium free
- Potassium formate resistant
- Max 2.5 Millivolt drop potential
- 500+ Mating cycles
- Low outgassing
- RoHS compliant
- Plating code: MT



**Glenair, Inc.**