

Glenair Composite Connector and Accessory Standard Materials and Finishes

The following standard materials are used for the majority of Glenair's composite products. However, components are not limited to those listed but are representative of the elements used in Glenair's composite products.

Component	Material	Specification
Bodies, clamps, Saddles, coupling nuts, protective covers, etc.	Composite	AIR 4567, AS85049 ASTM D 5205
Hardware: Such as screws, washers, rivets, wire rope, sash chain, band straps, etc.	Corrosion Resisting Steel	QQ-S-763 (300 Series)
Elastomeric seals: Such as o-rings, cable jacket seals, grommets, etc.	Silicone or Fluorosilicone	ZZ-R-765 or MIL-R-25988
Anti-friction and thrust washers	Teflon	TFE

Standard Finishes

FINISH DETAILS		
SYM	MATERIAL	FINISH
XO	Composite Thermoplastic	No Plating, Natural
XB		No Plating, Black
XZN		Conductive, Zinc Nickel, Black
XM		Conductive, Electroless Nickel
XMT		Conductive, Ni-PTFE <i>1000 Hour Grey™</i>
XW		Conductive, Cadmium O.D. Over Electroless Nickel

Locking Compound

Glenair recommends
ND VIBRA-TITE® Formula 3
Thread Locking Compound
for customers who choose to lock or seal
fasteners used on composite products.

Available from ND Industries
(www.ndindustries.com), this product is
non-reactive to composite resins

FINISH CODE CROSS REFERENCE

Glenair Finish	MIL-DTL-38999	AS85049
XM	M	M
XW	J	J
XMT	T	X

1000 Hour Grey™ Ni-PTFE Nickel Fluorocarbon Polymer



The MIL-DTL-38999 Rev L detail specification lists Nickel Fluorocarbon Polymer as a qualified Cadmium free plating alternative. This RoHS compliant plating formula is now available on composite interconnect products from Glenair and offers the following benefits in harsh-environment applications:

- 2000+ hour salt spray
- Cadmium free
- Outstanding mating lubricity
- Hexavalent Chromium free
- 500+ mating cycles
- Non-Magnetic