



PRODUCTION ENGINEERING

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TECHNICAL DATA SHEET

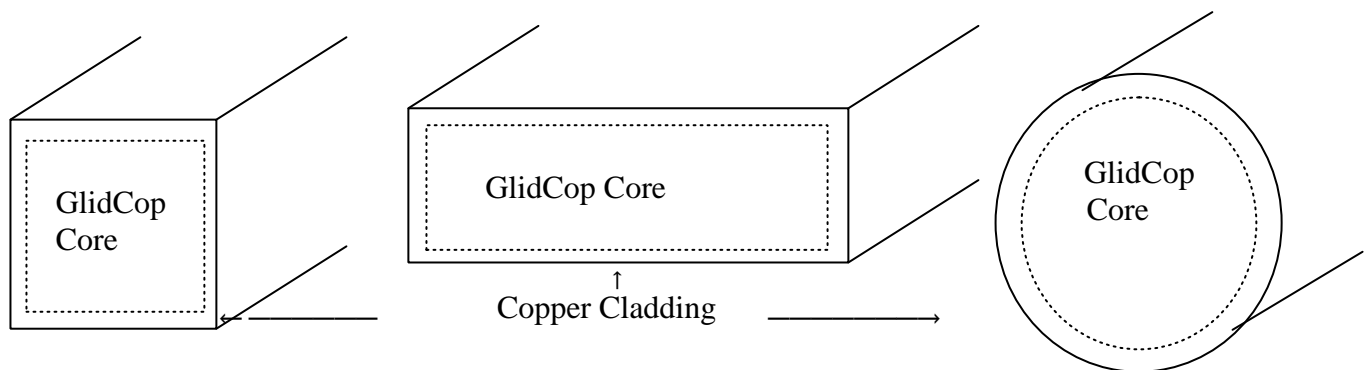
GLIDCOP® DISPERSION STRENGTHENED COPPER

Cladding Removal

GlidCop® Dispersion Strengthened Copper is an engineered, patented material made through the technology of powder metallurgy. In the production of GlidCop rod and bar forms, GlidCop powder is placed inside pure copper cylinders and subsequently consolidated to full density. In this process, the pure copper cylinder becomes an integral part of the final rod product. The GlidCop rod is actually a composite, which includes a hard GlidCop inner core which is encased in a soft plain copper outer “cladding.”

Some applications require that the plain copper cladding be removed from the GlidCop rod to meet specific design or application requirements.

Cladding thickness will usually represent 8-12% of the total GlidCop rod cross-section. It is generally recommended that 20% of the material thickness be removed by milling or grinding to assure complete removal of this copper cladding.



MATERIAL SAFETY DATA

See MSDS before using this product.

SAMPLES AND SERVICES

For further information or sample quantities for test, contact our Customer Service Department.

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Revised: 2005 OCT 26