

BEST MATERIAL FASTEST DELIVERY UNBELIEVABLE SERVICE



Serving The Marine Industry Since 1998



CIP Marine™ is a laminated composite bearing material specifically developed for marine environments and is proven to be an excellent replacement for rubber, wood, bronze, thermoplastics (like nylon), and urethanes. The physical properties of CIP Marine make them an excellent material choice as bearing and wear products in various applications.

CIP has been supplying products since 1998 to the Marine Industry on a wide range of vessels from the finest pleasure craft to large tanker ships.

# **INNOVATION** drives it. **EXPERIENCE** builds it.

## BENEFITS

- © SELF LUBRICATING
- **©** LOW FRICTION
- © TOLERATES EDGE LOADING
- **© HIGH SHOCK LOADING**
- © STABLE IN FRESH OR SALT WATER
- NEGLIGIBLE WATER SWELL
- © ELIMINATES GREASING SYSTEMS

- © CLASS APPROVED OVER 20 YEARS
- **© EASY TO MACHINE**
- MACHINABLE IN PLACE
- © FREEZE, BOND OR MECHANICALLY FITTED
- © LIGHT WEIGHT
- © ENVIRONMENTALLY FRIENDLY
- © CUSTOM SIZES AVAILABLE



**CAPABILITY** 

**TUBE SIZES** (up to 100") Standard lengths 16, 24 and 32"

SHEET SIZES (up to 6" thick) Standard widths 16, 24, 32" and lengths 24, 36, 48 and 60"











#### **ENGINEERING & TECHNICAL SUPPORT**

- · Application support and tailored solutions
- · Custom CIP bearing design calculation report
- · Machining and installation guidance







CIP Marine provides custom composite bearing solutions to perform in a wide variety of conditions and applications above and below the water line.

## **ABOVE THE WATER LINE**

CIP Marine bearings are capable of high dynamic loading, running completely dry for extended periods without cracking or failure. Ideal for continuous oscillatory motion found in rudder systems.

Easily machined onsite reducing drydock time.

Maintenance free solutions that isolate dissimilar metals preventing galvanic corrosion and provides great friction and wear life.



## **BELOW THE WATER LINE**

CIP propeller shaft bearings are designed with optimum hydro-dynamic running capabilities over traditional cutless bearings, extending the overall wear life.

The self-lubricating properties provide quiet operation over a range of operations (will not squeal, sing, or scare fish away).

Proven solutions for converting oil / grease lubricated systems to water lubricated, eliminating water contamination to protect the environment and aquatic ecosystems.



#### **Marine Applications**

Composite bearing and wear materials for marine applications.

- · Stern tube
- · Rudder
- · Propeller shaft
- · Fin stabilizer
- · Thrusters
- · Fairleads
- · Crane masts / Davits
- · Skidding pads
- · Stern rollers
- · A-Frame / LARS





#### **CUSTOMER EXPERIENCE**

- · A reputation for providing superior customer service
- · Best lead times with the ability to rush orders
- · No minimum quantities required

**RELIABILTY** through **SUPERIOR** quality.



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