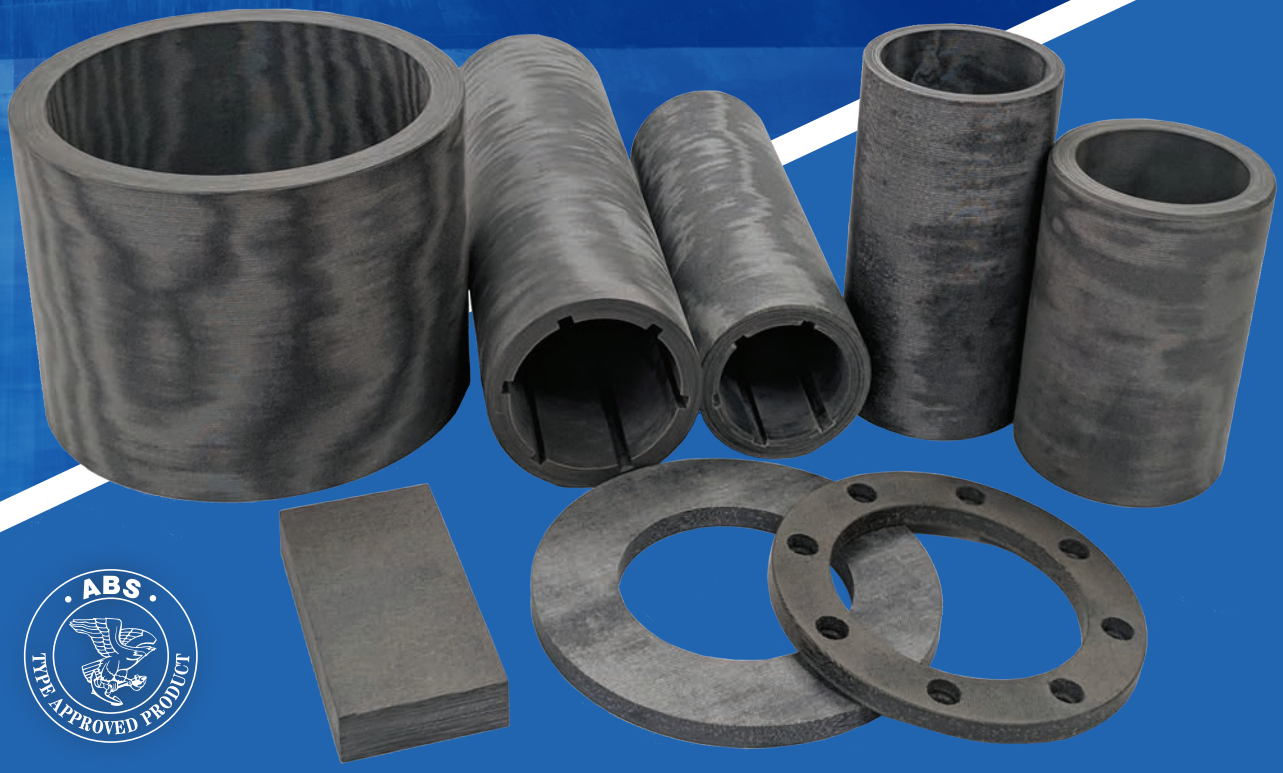
CIP MARINE
COMPOSITE BEARINGS

BEST **MATERIAL** FASTEST **DELIVERY** UNBELIEVABLE **SERVICE**



ABS TYPE APPROVED PRODUCT

Serving The Marine Industry Since 1998

CIP MARINE
COMPOSITE BEARINGS

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**

"Fitted on thousands of vessels"

Engineering manual available upon request.

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"

ABS TYPE APPROVED PRODUCT

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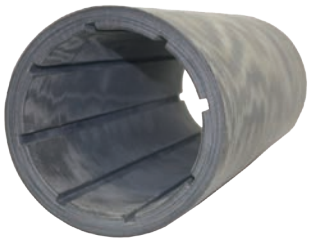
ENGINEERING & TECHNICAL SUPPORT

· 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

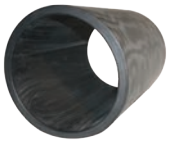
CIP Marine bearings are capable of high dynamic loading, running completely dry for extended periods without cracking or failure. Ideal for continuous oscillatory motion found in rudder systems.

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.*

s - visit us online at CIPMarine.com or call 541-607-3655

Columbia Industrial Products, Inc.
29538 Airport Rd., Unit A, Eugene, Oregon 97402

Local Phone: 541-607-3655
Toll Free: 888-999-1835
Fax: 541-607-3657

E-mail: sales@cipcomposites.com
www.CIPMarine.com

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