

NEW

I N T R O D U C I N G

Carbon Fiber Shaft

Stromag's **Carbon Fiber Shaft** is the perfect extension for our well-known couplings Periflex® VN or TRI-R for all available sizes.



The Stromag carbon fiber shaft is suitable for all kinds of ships and particularly for fast ferries, luxury yachts, naval vessels and tug boats. The use of carbon fiber shafts allows to bridge longer distances without bearing support than a steel shaft with the same dimensions. Each shaft can be customized further, e.g. with Bulkhead Seals.

The combination of the fiber shaft and the coupling is designed together to create a package solution, that fits the unique challenges of your application.

Features:

- Dimensions up to 12 m length and 800 mm diameter
- 70% lighter as a conventional shaft
- Heat-resistant up to 120 degrees Celsius
- Between motor and gearbox or waterjet, or between gearbox and waterjet

Advantages:

- Allows high critical speed of the coupling
- Configurable ratio of torsional and bending stiffness
- Vibration and sound damping
- Corrosion-resistant as well as wear and maintenance free
- Corresponds to the requirements of certification authorities e.g., GL, BV or DNV