



NC NAVALCOMPOSITI
fiberglass specialists

THE COMPANY

Naval Compositi Srl, is a leader in designing, production, sale and installation of GRP/GRVE Piping for marine sector.

We guarantee added value services, technical support of the highest level and customized solutions.

Naval Compositi Srl offers solutions developed according to specific needs of the Customer/Purchaser; drawing on the best available technology on the market, comply with all requests by providing "Turnkey Systems" born in close partnership with the Customer/Purchaser itself.



THE FACTORY

Naval Compositi Srl headquarters and manufacturing plant are located in Fiumicello (UD) Italy industrial area, covering a surface of 3.000 sqm. GRP-GRVE pipes and tanks, as well as all other customized products, are manufactured according to the most stringent international codes and standards. Quality assurance for all products and services is ensured by regular audits and certification processes by mayor Class Societies.



CERTIFICATIONS AND APPROVALS



THE PRODUCTS

For shipbuilding sector (cruise, merchant, military, big yachts and offshore), Naval Compositi Srl provides a wide range of pipes, fittings, special pieces and prefabricated systems made of GRP/GRVE that eliminate all problems of site assembly according to sector-specific rules and regulations of the main naval Class Society. Fiberglass piping (standards, fire resistant and electrically conductive) are used for various systems such as:

Ballast and Stripping systems

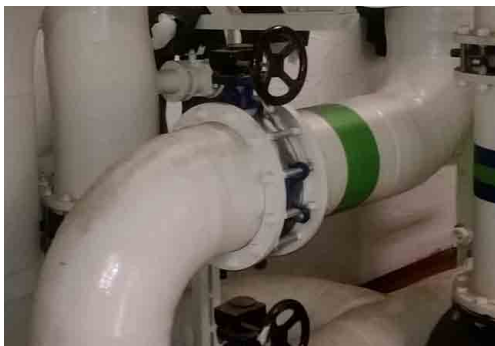
Loading product, Inert gas and Tank cleaning systems

Power systems and Swimming pools drains

Cooling engines and Exhaust systems evaporators

Loading/unloading and Conditioning systems

Soundings, Ventilation lines and any other service in accordance with IMO



AVAILABLE JOINTS

► **Restrained Joints**-Pipe joints capable of withstanding internal pressure and axial load due to pressure: bell & spigot locking joint, flanged (fixed or stub end with loose flange), butt & strap or branch joints, adhesive bonded joints.

► **Unrestrained Joints**-Pipe joints capable of withstanding only hoop loading due to internal pressure: coupler with rubber seal rings, bell & spigot, mechanical couplings.

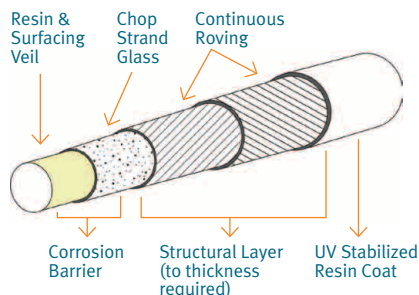


MANUFACTURING METHODS

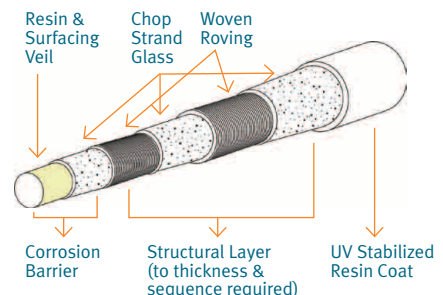
Naval Compositi Srl Reciprocal Filament Winding technology used for GRP/GRVE pipe production consists of impregnated glass reinforcing strands with a matrix of Unsaturated Polyester, Vinylester or Epoxy Resins applied to a mandrel under controlled tension and predetermined patterns up to the required thickness. Hand lay-up manufacturing method is used for manufacturing of fittings. All prefabricated spools are laminated, inspected and tested at the factory prior to shipping. Every step of the manufacturing process, including raw materials procurement, product inspection and testing, is routinely subjected to inspection both internally and externally by spot check and quality control procedures.



Filament Winding technology



Hand Lay Up technology



COMPETITIVE ATTRIBUTES OF GRP/GRVE



Fast installation, thanks to the various types of available junction with consequent assembly costs lower



Easy handling due to the lightness (about of the steel weight). The pipes requires less staff and equipment to be installed



Superior hydraulic characteristics due to their very low internal roughness, which remains constant over time

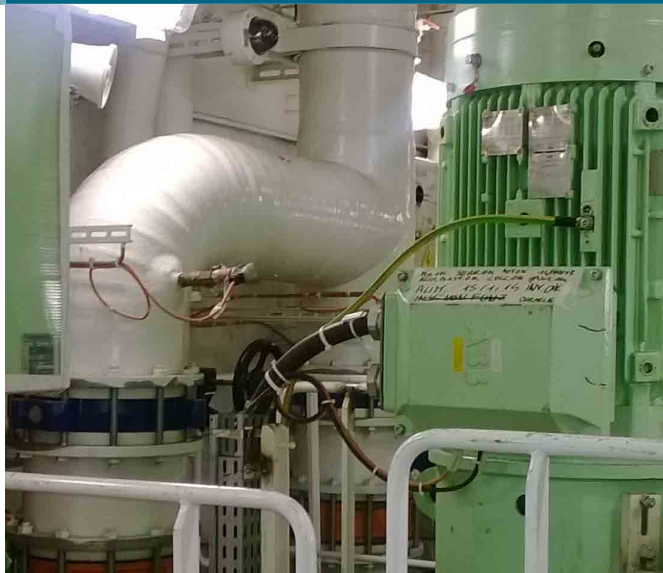


Long life due to the excellent resistance to corrosion and chemical attack



TURNKEY PROJECTS

Naval Compositi Srl offers the opportunity to enjoy a complete and “turnkey”, through a single purchasing center. This formula is a great benefit for our Customers so they can interact with a single partner. A competent partner, able to identify the most suitable products for each project and to manage the supply, installation, staff training and after-sales service



CUSTOMER ASSISTANCE

Naval Compositi Srl offers through its structure a full range of professional services to the Customer in the field of after-sales products in GRP/GRVE with interventions of periodic and extraordinary maintenance, upgrade systems (Refittings), modernizing facilities and/or new plants. We offer a full service on-site support broad spectrum through a qualified pool of technicians with reduced intervention times thanks to our partners located in strategic areas of the international territory. The benefits of this choice are:

Increased reliability of the product

Extension of the life cycle of the product

Original spare parts certified by Naval Compositi

Specific maintenance plans



ENGINEERING SERVICES

Naval Compositi Srl provides a full spectrum of engineering services, ranging from professional advice to planning and engineering design for all phases of projects, from the feasibility study and conceptual design to the plant commissioning and start up.



OUR CLIENTS



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