



Composites
Reinforcements

SOLUTIONS FOR MARINE

Harnessing 45 years of expertise in the Marine market. Chomarat is a pioneer in developing solutions to achieve **weight reduction**, improved **surface appearance** and **stronger structures**.

CHOMARAT

CHOMARAT, LEADER IN THE MARINE INDUSTRY

Chomar develops glass, carbon and aramid-based reinforcements, using various conversion processes (weaving, multiaxial, combining, etc.), in order to meet the expectations and requirements of the recreational, racing, fishing and military boat markets: weight reduction, better surface appearance and stronger structures.

The company also assists its customers in improving their own production processes (i.e., transition from open-mold processes to closed mold processes), thanks to its reinforcements which can help resin flow or combine vacuum-draw and structural functions:

- MULTIAXIAL (NCF)**
 - > **G-PLY™** is a multiaxial glass fiber reinforcement assembled as an NCF, (non-crimp fabric), in which multiple layers of unidirectional fibers are placed at specific angles. The combined layers are then stitched together.
 - > **C-PLY™** is a multiaxial carbon fiber reinforcement assembled as an NCF, (non-crimp fabric), in which multiple layers of unidirectional fibers are placed at specific angles. The combined layers are then stitched together.
- TAPES**
 - > **C-TAPE™** is a range of high performance unidirectional carbon tapes available in different widths and areal weights.
 - > **G-TAPE™** is a range of bi or unidirectional tapes that offer great flexibility of construction, adapted to customer needs.
- STRUCTURAL FLOW MEDIA**
 - > **G-FLOW™** is a structural reinforcement which is specially designed to drain the resin during infusion without adding an external or internal flow media.
- CLOSED MOLD SOLUTION**
 - > **ROVICORE™** is a sandwich reinforcement made with a synthetic non-woven core and chopped glass fibers mechanically stitched together. It can be used in all closed mold processes.
- ADHESIVE SOLUTIONS**
 - > **FX** is a solution which enables the positioning of glass reinforcement products.

EXPERTISE AND TOOLS

The company assists its customers in the design of reinforcements and selection of materials, supported by an in-house composites laboratory. Equipped with state-of-the-art instruments, it allows us to measure and simulate the permeability of reinforcements and structures, as well as the mechanical properties and surface appearance quality of the finished parts.

DNV-GL CERTIFIED

Chomar is certified DNV GL for its ranges of glass and carbon multiaxial and tape products, marketed under the G-PLY™, C-PLY™, G-TAPE & C-TAPE™ brands. These certifications are a token of craftsmanship and quality.

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