

the Fabric of Innovation



NovaStrong[™] Fiberglass Fabric

Description

NovaStrong[™] fiberglass fabric is a high strength E-glass fabric, offering superior performance in ballistic and advanced composite applications.

Applications

Hard armor ballistic panels and other high strength composite applications in industries such as aerospace, marine, automotive and petroleum.

Product Features

- DirectFinish[™] technology eliminates fiber damage due to heat cleaning, resulting in superior composite mechanical properties.
- Available with fine fiber yarns (5- and 6-micron filament diameter).
- TwistFree[™] yarn construction for a thinner, more uniform fabric, with precise thickness control.
- Custom yarns and weaves available.
- Custom finishes with variable loading levels available for high performance applications.
- Can replace high strength glass compositions (non E-glass products).

Key Properties

Glass Composition: E-glass
DirectFinish[™] : Finish 98 - a multi-resin compatible finish.
DirectFinish[™] : Finish 70 - a phenolic compatible finish.

Certified for compliance with ASTM D579 and IPC 4412.

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