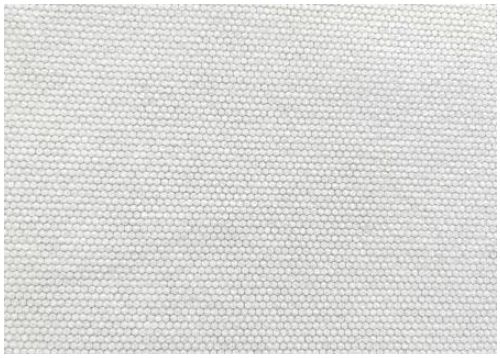
Yihe Core

Technical Data Sheet

CM

DESCRIPTION

- Polyester non-woven core fabrics are designed for hand lay-up or spray-up processes.
- Compatible with all standard types of resins, including unsaturated polyester, vinyl ester, phenolic and epoxy.
- Can also be used as a print blocker.



APPLICATIONS

- Marine: Yacht and boat hulls, decks and other structural components
- Transportation: Interior and exterior parts of motor vehicles, including trailers, trucks, RVs, buses and trains
- Leisure: Water Sports Equipment and Crafts
- Industrial: Fans, pressure vessels and storage tanks

ADVANTAGES

- Cost-effective core material
- The hexagonal closed-cell structure reduces weight while ensuring the wet strength of fabrics during hand lay-up operations.
- Provides excellent screw retention
- Improves the appearance of finished parts
- Enhances impact resistance and stiffness
- Provides superior drapability

BASIC PROPERTIES

Properties		CM 2	CM 3	CM 4	CM 10
Thickness	mm	2.0	3.0	4.0	10.0
Roll length	m	80	50	40	15
Dry weight	g/m^2	90	120	150	260
Standard Roll width	m	1			
Resin uptake	$kg/m^2/mm$	0.45-0.55			
Impregnated density	kg/m^3	550			

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Notes：

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Website: www.yihecore.com **Email: sven.w@yihecore.com**