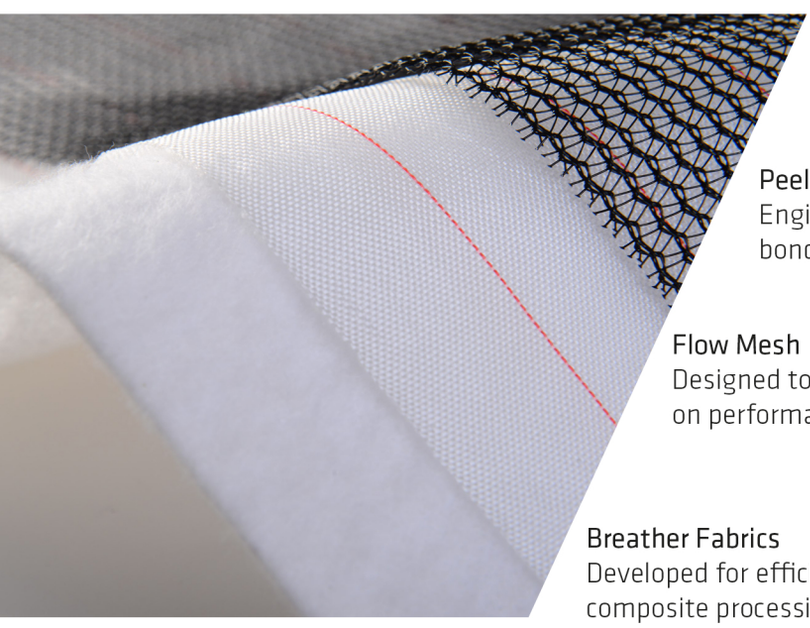
VACUUM BAGGING MATERIALS

Engineered for Efficient Composite Processing

METYX, a global leader in high-performance technical textiles and composite solutions, supports advanced composite manufacturing with a complete range of vacuum bagging consumables and process materials.

Designed for vacuum infusion, VARTM, prepreg and wet lay-up applications, METYX vacuum bagging materials help improve laminate quality, optimize resin flow, and ensure reliable air evacuation throughout the manufacturing process.

Vacuum bagging is widely used in composite manufacturing to improve consolidation, reduce void content, and achieve more consistent laminate performance across demanding structural applications.



Optimized Flow. Consistent Results.

Peel Ply
Engineered for clean release surfaces, improved secondary bonding, and consistent laminate finishing.

Flow Mesh
Designed to optimize resin distribution and support fast, uniform infusion performance.

Breather Fabrics
Developed for efficient air evacuation and stable vacuum pressure throughout composite processing.

Key Benefits at a Glance

- ✅ Optimized Resin Flow – Supports fast and uniform resin distribution
- ✅ Reliable Air Evacuation – Reduces voids and trapped air
- ✅ Improved Laminate Quality – Enhances surface finish and structural consistency
- ✅ Efficient Processing – Helps reduce cycle time and material waste
- ✅ Stable Vacuum Performance – Supports consistent consolidation pressure
- ✅ Compatible with Multiple Processes – Suitable for infusion, VARTM, prepreg and wet lay-up
- ✅ Wide Product Portfolio – Peel ply, flow mesh, breather and process consumables

Main Features

Peel ply solutions for clean release surfaces and secondary bonding
Flow mesh materials for optimized resin distribution
Breather fabrics for efficient vacuum airflow
Lightweight woven, knitted and non-woven constructions
Polyester, polyamide and polyethylene-based consumables
Available in multiple weights, widths and perforation options
Suitable for complex geometries and large composite structures

Applications

- Marine and boatbuilding
- Wind energy components
- Automotive and transportation parts
- Construction and infrastructure systems
- Aerospace & defense industries
- Industrial composite applications

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Parameter	Description
Reinforcement Materials	Eglass, carbon, aramid and hybrid fiber combinations
Weave Types	Plain, twill and satin constructions
Fiber Architecture	Interlaced warp and weft structure
Construction	Woven reinforcement fabrics for structural and cosmetic composite applications
Suitable Methods	Infusion, RTM, compression molding, prepreg and hand lay-up
Resin Compatibility	Polyester, vinyl ester and epoxy resin systems
Additional Options	Powder binder, web, CSM and custom widths available depending on product type

Technical Specifications

	GLASS WOVEN	CARBON WOVEN	ARAMID WOVEN	HYBRID WOVEN
Fiber Type	E-glass	Carbon fiber	Aramid	Aramid / Carbon
Weave Type	Plain / Twill / Combi	Plain / Twill / UD	Plain / Twill	Plain / Twill
Unit Weight	80–1800 g/m²	160–1200 g/m²	160–800 g/m²	170–800 g/m²
Standard Width	100–127 cm	50–127 cm	125 cm	100 cm
Options	Veil / CSM options	Powder binder / web	With / without CSM	Web available
Resin Compatibility	Polyester, Vinylester, Epoxy	Polyester, Vinylester, Epoxy	Polyester, Vinylester, Epoxy	Polyester, Vinylester, Epoxy
Processing Methods	Infusion, RTM, Compression, Hand lay-up	Infusion, RTM, Compression, Prepreg, Hand lay-up	Infusion, RTM, Hand lay-up	Infusion, RTM, Hand lay-up
Certifications	DNV-GL selected weights	DNV-GL selected weights	DNV-GL selected weights	Product dependent

