

# 布毡用玻璃纤维产品

*FIBERGLASS PRODUCTS FOR  
FABRICS & MATS*





## 编织工艺

编织用玻璃纤维直接无捻粗纱

## 制毡工艺

短切毡用玻璃纤维合股无捻粗纱

## Weaving Process

*Direct Rovings for Weaving*

## Mat Production Process

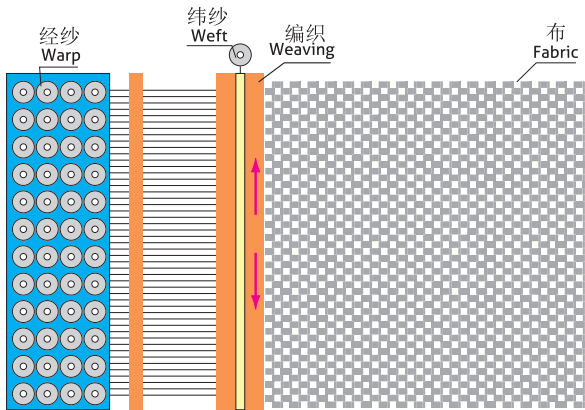
*Assembled Rovings for Chopped Strand Mats*

# 编织工艺

经向和纬向的无捻粗纱以一定的规律交织形成无捻粗纱织物。

## Weaving Process

Woven fabrics are made on looms with warp and weft reinforcement threads interlaced with each other in varying configurations to give different fabric styles.



### 编织用玻璃纤维直接无捻粗纱

编织用玻璃纤维直接无捻粗纱适用于增强聚酯树脂、乙烯基树脂、环氧树脂等，具有优良的织造性能，可用于生产各种玻璃纤维制品，如多轴向布、网格布、土工布、低克重特种织物及无捻粗纱布等。

### Direct Rovings for Weaving

Direct Rovings for Weaving are compatible with polyester, vinyl ester and epoxy resins. Their excellent weaving properties make them suitable for use in various products, such as wind blades, mesh fabrics, geotextiles, light weight fabrics and woven roving.

产品 牌号 Product Code	牌号 详情 Details	相关 认证 Certification	典型线密度 Nominal Linear Density (tex)	适用树脂 Resin Compatibility	产品特点 Product Features	典型应用 Typical Applications
320		GL	600, 735, 900 1103, 1200 2200, 2400	环氧树脂 聚酯树脂 EP, UP	能与多种树脂相容，制品机械性能高 Compatible with multiple resin systems, high mechanical properties of parts	用于单向及多轴向织物，适合预浸及真空 灌注工艺生产大型风力发电叶片 UD or multiaxial fabrics used in large wind blades by vacuum infusion and prepreg processes
380		GL	300, 600 1200, 2400	环氧树脂 EP	与环氧树脂相容性好，浸透速度快， 制品的机械拉伸强度高，疲劳性能好 Compatible with epoxy resin, fast wet out, high tensile strength and good fatigue resistance of parts	用于单向及多轴向织物，适合真空灌注 工艺生产大型风力发电叶片 UD or multiaxial fabrics used in large wind blades by vacuum infusion process
386T		GL	1200, 2400	聚酯树脂 乙烯基树脂 UP, VE	毛羽少，织造性能优异，制品机械性能高 Low fuzz, excellent weaving property, high mechanical properties of parts	用于单向织物，适合真空灌注工艺 生产大型风力发电叶片 UD fabrics used in large polyester wind blades by vacuum infusion process
386H		FDA	200, 300, 600 1200, 2400	环氧树脂 聚酯树脂 EP, UP	毛羽少，与树脂相容性好，制品机械性能高 Low fuzz, good compatibility with resin, high mechanical properties of parts	用于无捻粗纱布织造，制造管道、游艇等 Woven roving, used in pipes and boats
390		GL	100, 300, 600 1200, 2400	环氧树脂 EP	浸透速度快，制品的机械性能高， 耐老化性能突出 Fast wet-out, high mechanical properties of parts, excellent aging resistance	用于单向及多轴向织物，适合真空灌注 工艺生产大型风力发电叶片 UD or multiaxial fabrics used in large wind blades by vacuum infusion process
396		GL	300, 600	环氧树脂 EP	编织时工艺顺畅性好，制品机械性能高 Excellent weaving property, high mechanical properties of parts	用于多轴向织物，适合预浸工艺生产 大型风力发电叶片 Multiaxial fabrics used in large wind blades by prepreg process
398		GL	300, 600 1200, 2400	环氧树脂 EP	与环氧树脂相容性好，织造性能十分优异， 制品的综合力学性能好 Compatible with epoxy resin, excellent weaving property, excellent mechanical properties of parts	用于单向及多轴向织物，适合真空灌注 工艺生产大型风力发电叶片 UD or multiaxial fabrics used in large wind blades by vacuum infusion process

土工格栅用纱

Roving for Geotextiles

产品牌号 Product Code	牌号详情 Details	典型线密度 Nominal Linear Density (tex)	适用树脂 Resin Compatibility	产品特点 Product Features
306A		800, 900, 1000, 1200 1500, 1700, 2400	沥青, 环氧树脂, 聚酯树脂 AE, EP, UP	纱线强度高, 低毛羽 High strand strength, low fuzz


模塑格栅用纱

Roving for Light Weight fabrics

产品牌号 Product Code	牌号详情 Details	典型线密度 Nominal Linear Density (tex)	适用树脂 Resin Compatibility	产品特点 Product Features
302		2400	不饱和聚酯树脂 UP	纱线质软, 毛羽少, 退解张力小, 与树脂相容性好, 制品机械性能高 Direct roving, soft yarn, low fuzz, compatible with resins, excellent mechanical properties of parts

低克重特种织物用纱

Roving for Light Weight fabrics

产品牌号 Product Code	牌号详情 Details	相关认证 Certification	典型线密度 Nominal Linear Density (tex)	适用树脂 Resin Compatibility	产品特点 Product Features
312		GL	100, 136, 200 275, 300, 400	聚酯树脂, 环氧树脂 UP, EP	织造性能优异, 制品机械性能高 Eexcellent weaving property, excellent mechanical properties of parts

编织工艺的终端应用市场

建筑领域 / 风能 / 基础设施 / 汽车、卡车 /  
消费品与商业设备 / 船艇 / 运动休闲

End-Use Markets

Building and Construction / Wind Energy / Infrastructure / Automotive /  
Consumer Goods and Business Equipment / Marine / Sports and Leisure



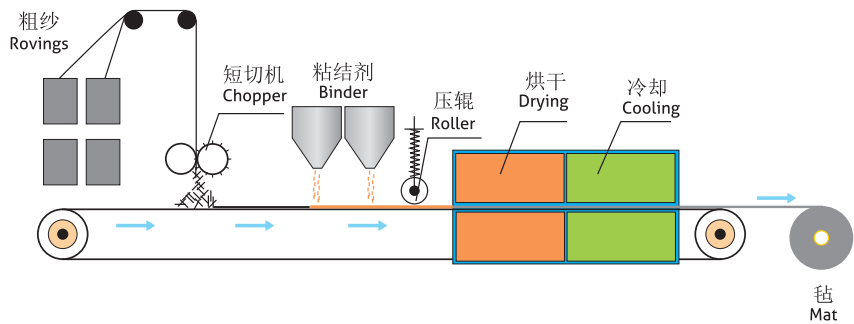


# 制毡工艺

将玻璃纤维纱短切成一定长度，随机沉降在输送带上，然后用粉剂或乳剂粘结剂将这些短切纤维粘结在一起，经过烘干、冷却和卷绕，形成短切原丝毡。

# Mat Production Process

Assembled rovings are chopped to a specified length, and then fall onto a conveyor randomly. The chopped strands are bonded together by either an emulsion binder or a powder binder. After drying, cooling and winding, a chopped strand mat is formed.



## 短切毡用玻璃纤维合股无捻粗纱

短切毡用玻璃纤维合股无捻粗纱是粉剂和乳剂短切原丝毡的专用合股无捻粗纱，易于短切且分散性好，与不饱和聚酯树脂、乙烯基树脂相容性好。

## Assembled Rovings for Chopped Strand Mats

Assembled Rovings for Chopped Strand Mats are specially used in powder or emulsion chopped strand mats. They have good choppability and dispersion and are compatible with unsaturated polyester, vinyl ester resins.

产品牌号 Product Code	牌号详情 Details	典型线密度 Nominal Linear Density (tex)	产品特点 Product Features	适用树脂 Resin Compatibility	典型应用 Typical Applications
512		2400	通用型制毡用纱，短切分散性良好 抗静电性能良好，树脂浸透速度快 <i>General purpose roving, good dispersion after chopping, good static control and fast wet-out in resins</i>	不饱和聚酯树脂 乙烯基树脂 <i>UP, VE</i>	常规短切毡 <i>General chopped strand mats</i>
520		2400	低静电，分散性好，浸透速度快 <i>Low static, fast wet-out and good dispersion</i>		缝编织物 <i>Stitched fabrics</i>

## 制毡工艺的终端应用市场

建筑 / 化学化工 / 船艇 / 基础设施 / 汽车、卡车

## End-Use Markets

Building and Construction / Chemistry and Chemical / Marine / Infrastructure / Automotive



开模成型用玻璃纤维产品 Fiberglass Products for Open Molding	喷射成型工艺 Spray-up Process
	手糊成型工艺 Hand Lay-up Process
管道成型用玻璃纤维产品 Fiberglass Products for Pipes	缠绕成型工艺 Filament Winding Process
	离心浇铸成型工艺 Centrifugal Casting Process
模压成型用玻璃纤维产品 Fiberglass Products for Compression Molding	SMC成型工艺 SMC Process
	BMC成型工艺 BMC Process
	LFI工艺 LFI Process
连续型材用玻璃纤维产品 Fiberglass Products for Continuous Profiles	拉挤成型工艺 Pultrusion Process
	连续板材成型工艺 Continuous Panel Molding Process
热塑性塑料用玻璃纤维产品 Fiberglass Products for Thermoplastics	挤出与注塑工艺 Extrusion and Injection Processes
	LFT成型工艺 LFT Process
	GMT成型工艺 GMT Process
	CFRT成型工艺 CFRT Process
其它玻璃纤维产品 Fiberglass Products for Other Processes	膨化工艺 Texturizing Process
	增强石膏工艺 Reinforcements for Gypsum
	汽车顶棚成型工艺 Automotive Headliner Molding Process
布毡用玻璃纤维产品 Fiberglass Products for Fabrics and Mats	编织工艺 Weaving Process
	制毡工艺 Mat Production Process
玻璃纤维制品 Fiberglass Mats and Woven Rovings	制毡工艺 Mat Production Process
	编织工艺 Weaving Process
高性能复合纤维 High Performance Hybrid Fibers	模压成型 Mold Pressing
	层压板材成型 Laminate Molding
	缠绕成型 Filament Winding
	拉挤成型 Pultrusion
	真空辅助成型 Vacuum-Assisted Molding
连续型玻璃纤维布/纱 Continuous Electronic Glass Fiber Fabric and Yarn	连续型玻璃纤维布 Continuous Electronic Glass Fiber Fabric
	连续型玻璃纤维纱 Continuous Glass Fiber Yarn



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