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# FIBERGLASS MAT&FABRICS

玻璃纤维制品



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山东玻纤集团股份有限公司  
SHANDONG FIBERGLASS GROUP CORP.





山东玻纤集团股份有限公司位于沂水县经济开发区，是山东能源临沂矿业集团的控股公司。于2013年12月改制为国有控股的股份公司，注册资本40,000万元，是能源集团“十三五”新材料重要产业板块，公司在册员工3000余人，总占地面积80余万平米，企业总资产40亿元，下设临沂天炬节能材料科技有限公司、沂水热电公司、淄博卓意玻纤材料有限公司，已形成玻璃纤维及制品、贵金属加工、发电供热的产业链经营模式，拥有耐碱纤维、ECR高性能纤维、Eccering@Tex改性纤维、玻璃纤维装饰壁布、单丝涂塑平织窗纱、PCB湿法薄毡、砂轮网布七大类近300多个品种的产品体系，玻璃纤维总产能40万吨，产业规模同行业国内排名第四位；电力产品主要是火力发电和沂水城区供暖，总装机容量12万MW，城区供暖面积300万平米。

公司建立了完善的质量管理体系，通过了ISO9001/ISO18001/ISO14001体系认证，FDA、GL、UL、CQM产品认证等，公司秉承“质量至尚 精益求精”的企业文化，产品质量稳定持续提升。市场遍布全国31个省、市、自治区，并远销欧、美、亚、非等30多个国家，在世界范围内已形成品牌效应。公司先后荣获省级重合同守信用企业、省管企业文明单位、省高新技术企业、省级技术中心等多项荣誉称号。

Shandong Fiberglass Group Corp. located in Yishui industrial area, is a state-owned enterprise group belongs to Linyi Mining Group of Shandong Energy group. After restructured in 2013, our group grow rapidly, now the registered capital is 4,000,000,000RMB with covering 800,000sqm and employees more than 3000 at end of 2018, And the annual capacity for fiberglass grow up to 400,000tons, which ranked China 4th largest Fiberglass producer. Which have 3 subsidiary factories - Linyi Tianju Energy Saving Material Corp, Yishui Thermo Electricity Plant and Glasstex Fiberglass Material Corp. The main industries are fiberglass products manufacture, chemicals, precious metal processing, urban heat & power supply. It is an important industrial sector of the "13th five-year" new material industry of Shandong Energy Group. Currently we can provide 7 categories products with 300 more kind products in ECR fiber, Eccering@Tex Modified Fiber, C-glass fiber, Wallcoveing, Insect Screen, PCB Tissue and Mesh.

We are certified enterprise group with ISO9001, ISO18001, ISO14001, Germanischer Lloyd(GL), UL and CQM certificates. The company adheres the culture of "Reliable product quality, striving for perfection". While the products are popular in over 30 countries and whole China with good reputation. We are awarded many honorary title like "Provincial Contract and Trustworthy Enterprise", "Provincial Management Enterprises", "Provincial High-tech Enterprises" and "Provincial Technology Centers" etc.

## FIBERGLASS WET-LAID MAT

# FIBERGLASS FLOOR MAT

玻璃纤维湿法薄毡——

## 地毯毡

### 产品介绍 Product Introduction

玻璃纤维地毯毡主要用于PVC方块地毯的基材，用玻璃纤维地板毡增强的方块地毯外观平整，不收缩变形，铺设方便，是医院、商场、车站、学校、办公楼、超市、体育场馆、家庭装修等各种场合的理想装饰材料。

The square carpet reinforced with Fiberglass floor mat has a smooth appearance without shrinkage and deformation and is convenient for laying. It is an ideal decoration material for various occasions such as hospital, shopping mall, railway station, school, office building, supermarket, sports stadium and home decoration.



### 产品特点 Product Properties

- 厚度均匀，尺寸稳定
- 表面平整，毛羽少
- 高温下尺寸稳定性好，不变形、不翘曲
- 易于和PVC等材料复合
- Even Thickness, and Excellent Size Stability
- Flat and Smooth Surface, Little Fuzz
- No deformation/ Wrpage, Good size ability size
- Easy to compound with PVC and other materials

### 技术指标 Technical Data

产品代码 Product Code	克重 Weight(g/m²)	胶含量 Binder(%)	拉伸强度 Tensile Strongth(N/ 50m)		透气率 Permeation (m/m². s)
			纵向 Longitudinal	横向 Lateral	
CMW30-FL	30	≤25	≥100	≥80	≤4.5
CMW40-FL	40	≤25	≥130	≥100	≤4.0
CMW45-FL	50	≤25	≥160	≥120	≤3.5





FIBERGLASS WET-LAID MAT——  
FOR BITUMEN玻璃纤维湿法薄毡——  
沥青瓦毡

## 产品介绍 Product Introduction

玻璃纤维沥青瓦毡是制作SBS、APP防水卷材及玻纤基沥青瓦的良好胎基，它具有强度高、耐腐蚀、尺寸稳定性好等特点，并可以纵向带加强筋，以提高防水材料的纵向抗拉强度。

Fiberglass Tissue for bitumen is an excellent substrate for making SBS, APP waterproof rolling material and glass fiber base asphalt tile. It has the characteristics of high strength, corrosion resistance, good dimensional stability and so on. And adding the reinforced yarn, the Longitudinal strength tensile will be greatly enhanced.

## 产品特点 Product Properties

- 纤维分散均匀，平整性好
- 抗撕裂强度高
- 尺寸稳定，沥青浸渍快
- 防脆裂，防老化，耐候性强
- 优良的防渗透性
- Flat and Even Fiber Distribution
- High Strength, Tear resistance
- Stable size and quick bitumen impregnation
- Prevents Bittiness and Aging, weather resistance
- Excellent anti-leakage

## 技术指标 Technical Data

产品代码 Product Cod	克重 Weight(g/m <sup>2</sup> )	胶含量 Binder(%)	筋距 Distance for Reinforced Yarn (mm)	纵向拉伸强度 Longitudinal Tensile Strength (N/ 50mm)	横向拉伸强度 Lateral Tensile Strength(N/ 50mm)
EMW-50-WPR	50	≤20	--	≥170	≥100
EMW-60-WPR	60	≤20	--	≥180	≥120
EMW-90-WPR	90	≤20	--	≥350	≥220
EMW-100-WPR	100	≤20	--	≥380	≥240
EMW-120-WPR	120	≤20	--	≥450	≥300
EMW-45-WPR	45	≤20	15, 30	≥200	≥60
EMW-50-WPR	50	≤20	15, 30	≥220	≥80
EMW-60-WPR	60	≤20	15, 30	≥240	≥100
EMW-90-WPR	90	≤20	15, 30	≥400	≥200

FIBERGLASS WET-LAID MAT——  
FIBERGLASS MAT FOR BATTERY SEPARATOR玻璃纤维湿法薄毡——  
蓄电池复合隔板用薄毡

## 产品介绍 Product Introduction

玻璃纤维复合隔板毡主要用于铅酸蓄电池复合隔板的基材，采用CR玻璃纤维毡增强的复合隔板具有优异的耐腐蚀性能，良好的机械强度及耐振性能，用该隔板装配的蓄电池启动能力强，使用寿命长。

Fiberglass mat for Battery Separator is mainly used as the substrate of lead-acid battery composite separator. This reinforced with C glass fiber mat has excellent corrosion and turbidity resistance, good mechanical strength and vibration resistance. The battery assembled with this separator has strong start-up ability and long service life.

## 产品特点 Product Properties

- 厚度均匀，表面平整
- 采用ECR玻璃纤维制造，极低的耐酸失重率
- 高锰酸钾还原物含量低
- Uniform Thickness, Flat and Smooth Surface
- Very Low Weight Loss in Acid with Built-in ECR Fiberglass
- Low KMnO<sub>4</sub> Reducing Substance

## 技术指标 Technical Data

产品代码 Product Code	厚度 Thickness (mm)	氯含量 Chlorine (Cl) (%)	铁含量 Iron (Fe) (%)	还原高锰酸钾 物质含量 KmnO <sub>4</sub> Reducing Substance (ml/g)	72小时耐酸性 72-Hour Acid Tolerance (%)	纵向拉伸强度 Longitudinal Tensile Strength (N/ 50mm)	浸湿时间 Wetting (s)
CRMO.3-BSM	0.3	≤0.003	≤0.005	≤15	≤2%	≥60	≤100
CRMO.4-BSM	0.4					≥80	≤25
CRMO.5-BSM	0.5					≥100	≤10
CRMO.6-BSM	0.6					≥120	≤10
CRMO.7-BSM	0.7					≥130	≤10
CRMO.8-BSM	0.8					≥140	≤10
CRMO.9-BSM	0.9					≥150	≤10



## FIBERGLASS WET-LAID MAT——

## FIBERGLASS SURFACE VEIL

玻璃纤维湿法薄毡——

## 表面毡

## 产品介绍 Product Introduction

玻璃纤维表面毡主要用于玻璃钢制品的表面层中，具体分为缠绕型、手糊型和拉挤型三类。

Fiberglass surface Veil is mainly used in the outer layer of the FRP/GRP products with the following 3 Process : winding, manual lay-up and pultrusion.

This veil is bound by a modified Acrylic resin which is compatible with PE, PP, epoxy, vinyl ester and polyester resins. Designed to be used as a surfacing tissue for GRP laminates.

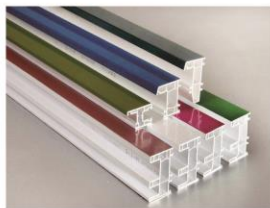


## 产品特点 Product Properties

- 纤维分散均匀
- 树脂浸透速度快
- 伏模性好
- 掩饰布纹，制品具有光洁表面层
- 抗老化，优良的耐腐蚀性能耐候性强
- Uniform Fiber Distribution
- Fast Resin Impregnation
- Good Mold Adaptability
- Hides Inner Layers, Provide Smooth FRP Products Surface
- Prevents Aging with Excellent Corrosion Resistance

## 技术指标 Technical Data

产品代码 Product Code	克重 Weight(g/m <sup>2</sup> )	胶含量 Binder ( % )	纵向拉伸强度 Tensile Strength (N/ 50mm)	浸透速率 Wet-out Time ( S )	工艺 Process	含水率 Moisture (%)
ECRMW30-SM	30	≤6	≥25	≤10	Manual	≤0.5
ECRMW50-SM	50	≤6	≥40	≤20	Manual	≤0.5
ECRMW30-SM	30	≤7	≥30	≤10	Winding	≤0.5
ECRMW50-SM	50	≤7	≥50	≤16	Winding	≤0.5
ECRMW90-SM	90	≤8	≥200	--	Pultrusion	≤0.5



## FIBERGLASS &amp; FABRICS——

## CHOPPED STRAND MAT

玻璃纤维纱制品——

## 短切毡

## 产品介绍 Product Introduction

玻璃纤维短切毡是由玻璃纤维原丝经短切后,随即无定向均匀平铺,然后用粉剂或乳剂粘在一起而制成的片状毡片。可适用于增强不饱和聚酯、乙烯基树脂、环氧树脂和酚醛树脂等。主要用于各种板材、船艇、浴室成套设备、汽车部件和冷却塔等。

Fiberglass Chopped Strand Mat is made of randomly distributed chopped strands held together by powder or emulsion binder, it is compatible with UP, VE, EP, PF resins. It is mainly used in panels, boats, automotive parts and cooling tower etc.



## 产品特点 Product Properties

- 厚度均匀
- 浸透速度快
- 抗拉强度高
- 尺寸稳定性好
- 消耗树脂少、降低生产成本
- Uniform thickness
- Fast wet-out
- High tensile strength
- Good size stability
- Lower resin consumption, reduce cost

## 技术指标 Technical Data

产品代码 Produce Code	克重 Weight(g/m <sup>2</sup> )	含水率 Moisture Content (%)	可燃物含量 LoI (%)	抗拉强度 Tensile Strength (N150rm)	幅宽 Width(m)
EMC225	225	≤0.20	2~8	≥120	0.5-3.3
EMC300	300	≤0.20	2~8	≥150	
EMC450	450	≤0.20	2~8	≥150	
EMC600	600	≤0.20	2~8	≥180	
EMC900	900	≤0.20	2~8	≥180	





## FIBERGLASS &amp; FABRICS——

## CONTINUOUS FILAMENT MAT

玻璃纤维制品——

## 玻璃纤维连续毡

## 产品介绍 Product Introduction

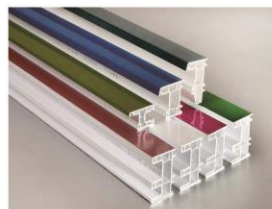
玻璃纤维连续毡是以连续玻璃纤维随机成圈状分布，靠原丝圈之间力学作用以少量粘剂结合而成。适用于拉挤、模压、真空灌注、反应注射模压、缠绕成型、树脂传递模塑成型等工艺，主要应用汽车内饰件、汽车结构件、冷藏车箱体、干式变压器高压绝缘材料、玻璃钢拉挤型材、玻璃钢缠绕制品、电器外壳等领域。

Fiberglass continuous filament mat is made from continuous Fiberglass filaments, by means of mechanics action of filament circles distributed randomly in production lines and assisted by a small quantity of binder. Mainly used in process for Pultrusion, Molding, Vacuum infusion, injection molding, filament winding and resin transfer molding process. The main application is automobile interior decoration, automobile structures, refrigerator truck body, high-voltage insulation materials of dry-type Transformer, FRP pultrusion pro-files, FRP winding Products, electrical appliance shell, etc.



## 技术指标 Technical Data

产品代码 Product Code	克重 Weight (g/m²)	纵向拉伸强度 Tensile Strength (N/50mm)		可燃物含量 LOI(%)	含水率 Moisture Content (%)	层合板弯曲强度 Flexural Strength of laminated board (Mpa)	
		纵向 Longitudinal	横向 Lateral			标准状态 Standard	潮湿状态 Moisture
ECRMS300	300	≥135	≥40	2-8	≤0.2	≥144	≥125
ECRMS380	380	≥160	≥50	2-8	≤0.2		
ECRMS450	450	≥160	≥50	2-8	≤0.2		
ECRMS600	600	≥180	≥80	2-8	≤0.2		



## FIBERGLASS MAT &amp; FABRICS——

## WOVEN ROVING

玻璃纤维纱制品——

## 方格布

## 产品介绍 Product Introduction

玻璃纤维方格布由无捻直接粗纱按平纹组织编制而成，适用于不饱和聚酯树脂、乙烯基树脂、环氧树脂和酚醛树脂等。主要用于手糊成型FRP产品如船艇、容器、汽车部件、建筑构件等。

C&E Glass Woven roving are bidirectional fabric made by interweaving rovings and compatible with unsaturated polyester resin, vinylester resin, epoxy and phenolic resins. They are used for hand lay-up and robot automation process of FRP products such as boats, vessels, automotive parts and building component etc.



## 产品特点 Product Properties

- 毛羽少
- Low fuzz
- 浸透速度快
- Fast wet-out
- 厚度均匀
- Even thickness
- 机械强度高
- High mechanical strength

## 技术指标 Technical Data

产品代码 Product Code	克重 Weight(g/m²)	可燃物含量 LOI (%)	含水率 Moisture Content (%)	幅宽 Width(m)	卷长 Length(m)
CWR400	400 ± 20	0.5 ± 0.2	≤ 0.2	1	100
CWR600	600 ± 20	0.5 ± 0.2	≤ 0.2	1	100
CWR800	800 ± 20	0.5 ± 0.2	≤ 0.2	1	100
EW200	200 ± 20	0.5 ± 0.2	≤ 0.2	1	100
EW400	400 ± 20	0.5 ± 0.2	≤ 0.2	1	100
EW600	600 ± 20	0.5 ± 0.2	≤ 0.2	1	100
EW800	800 ± 20	0.5 ± 0.2	≤ 0.2	1	100



## FIBERGLASS MAT &amp; FABRICS——

## FIBERGLASS GRINDING WHEEL MESH

玻璃纤维纱制品——

## 砂轮网布

## 产品介绍 Product Introduction

玻璃纤维增强砂轮网布系采用经硅烷偶联剂处理的玻璃纤维无捻粗纱机织而成，其织物组织有平织和绞织两大系列，是增强砂轮网片的材料，主要用于砂轮网片的生产。

Fiberglass Grinding wheel mesh is woven by fiberglass direct roving treated with silane coupling agent with 2 main series—plain weaving and twisted weaving. It is the basic material for reinforcing grinding wheel discs, which need to coat with phenolic resin and epoxy resin coating then baked. It has high strength and Abrasion resistance.

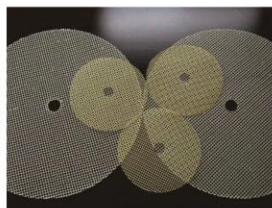
## 产品特点 Product Properties

- 该织物具有强度高、布面平整等特性
- 用作玻璃纤维增强砂轮网片基材。
- 克重范围100--450g/m<sup>2</sup>
- High Strength, smooth Cloth surface
- Abrasion resistance, ideal basic for Reinforced grinding wheel discs.
- Weight available : 100~450g/m



## 技术指标 Technical Data

型号规格 Specification	经密 (根/cm) count /cm warp	纬密 (根/cm) count /cm weft	经纱号数 Warp tex	纬纱号数 Weft tex	单位克重 Weight (g/m <sup>2</sup> )	匹长 (m/卷) Length	幅宽 Width (mm)	经向强度 Vertical strength	纬向强度 Horizontal strength	组织形式 Weaving way
5.5*4.5	2.16	1.77	330	650	≥260	200	1070	≥2100	≥2500	绞织 twist
6.5*5.8	2.56	2.28	200	500	≥230	200	1070	≥1800	≥2500	绞织 twist
5*5	1.97	1.97	400	900	≥330	200	1130	≥2500	≥2500	绞织 twist
5*5	1.97	1.97	500	1000	≥380	200	1060	≥3000	≥2500	绞织 twist
5*5	1.97	1.97	500	1000	≥380	200	1130	≥3000	≥2500	绞织 twist



## FIBERGLASS MAT &amp; FABRICS——

## INSECT SCREEN

玻璃纤维纱制品——

## 窗纱

## 产品介绍 Product Introduction

玻璃纤维平织窗纱是采用玻璃纤维单丝涂以聚乙烯塑料，然后经平织织造、高温定型而成。广泛用于门窗、蔬菜大棚、游泳池防蚊虫等设施。

Fiberglass insect screen is made of glass fiber yarn by means of PVC coating, plain weaving and high temperature fixing process. It is widely used in the facility such as door, window, vegetable greenhouse, swimming pool against mosquito and other insects.

## 产品特点 Product Properties

- 良好的透气性
- 防紫外线
- 耐腐蚀、耐老化
- 良好的阻燃性
- 易清洗不变形
- 使用寿命长
- Excellent air permeability
- UV protection
- Corrosion and ageing resistance
- Excellent flame resistance
- Easy cleaning and shape steady
- Long lifetime

## 技术指标 Technical Data

产品目数 Product Mesh	克重 Weight(g/m <sup>2</sup> )	涂塑量 PVC Coating(g/m <sup>2</sup> )	幅宽 Width(mm)	卷长 Legnth (m)	颜色 Color
18x14	160	65 ± 10	50-2750	30-200	灰色 gray
18x16	115	65 ± 10			黑色 black
18x18	130	65 ± 10			白色 white
20x20	140	65 ± 10			条纹 stripe





## FIBERGLASS MAT & FABRICS—WALLCOVERING

### 玻璃纤维制品——壁布

#### 产品介绍 Product Introduction

玻璃纤维壁布是由我公司委托德国设计、制造、安装的，是目前国际上最先进的一条玻璃纤维壁布生产线，也是该产品在国内的唯一一条进口生产线，每年生产能力2500万平米。Glasstex® 系列玻璃纤维壁布生产线投产以后，产品经送检达到欧洲同类产品的标准，也符合国家装饰材料十项强制标准，属A级不燃烧材料，认证为绿色建材。

Glasstex® 系列玻纤壁布广泛应用于酒店、机场、学校、医院、公寓、家庭装饰等。

Glasstex® fiberglass wallcovering production line is designed, manufactured and installed in Germany entrusted by Glasstex. It is the most advanced fiberglass wallcovering production line, also the sole one fully imported in China. The annual capacity is 25 million square meters. Since the production, Glasstex® Wall Covering been approved to reach the standard of European, and accord with ten mandatory standards of national decorative materials. It is been identified as green building material along with the grade A flame resistant material.

Glasstex® fiberglass wallcovering is widely used in hotel, airport, school, hospital, apartment and household decoration etc.

#### 产品特点 Product Properties

- 原材料取自天然物质，健康环保
- 良好的透气性，不霉变
- 防水、耐腐蚀、抗冲击强度高
- 易于清洗，降低墙面维护成本
- 适用各种材质的墙面(水泥、石膏板、砖墙等)
- 多次涂刷后，表面立体纹理仍清晰可见
- 与墙体粘结力强，不翘边、不脱落
- 加固墙面，遮盖裂纹，耐磨擦，经久耐用
- Raw material are come from nature, environment friendly
- Excellent air permeability, no mildew
- Water resistance, corrosion resistance and excellent impact strength
- Easy to wash, reducing the maintenance cost
- Applicable for Various walls (cement, plasterboard, brick wall etc.)
- The surface stereoscopic texture is still clearly visible after painting many times
- Strong adhesive ability, no warping and good adhesive property
- Reinforce the surface of the wall, covering the crack, excellent abrasion resistance and durability



## FIBERGLASS MAT & FABRICS—WALLCOVERING

### 玻璃纤维制品——壁布

#### 经典系列 Classical Wallcovering

#### 产品介绍 Product Introduction

Glasstex® 经典系列壁布有24种花纹图案可供客户选择，细腻与粗犷不同的设计风格，可满足客户的需求。Glasstex® Classical wallcovering has 24 patterns for customer's choice, delicate and rough design style can meet different customer's requirements.

#### 产品特点 Product Properties

- 立体感强
- 设计图案多样
- 阻燃性
- 水牢度高
- Excellent Three dimensional effect
- Pattern design diversity
- Non-flammable
- High water fastness



#### 梦幻系列 Fantasy Wallcovering

#### 产品介绍 Product Introduction

Glasstex® 梦幻系列壁布为客户提供了更多丰富的花纹图案，可为客户量身打造所需图案，为客户提供了无限的想象空间。Glasstex® Fantasy wallcovering provide more various designs, the weaving texture can be also designed according to customer's requirement, to provide infinite imaginary space.

#### 产品特点 Product Properties

- 使用寿命长
- 新颖的图案设计
- 可按客户要求设计图案
- 不同颜色的乳胶漆组合，可提供丰富的创造空间
- Long lifespan
- Innovative pattern design
- Customize design pattern
- Different painting bring colorful space



#### 功能性系列 Functional Series Wallcovering

#### 产品介绍 Product Introduction

Glasstex® 功能性系列壁布花纹与经典系列相同，但采用最新的环保以及复合技术，旨在为客户提供绿色舒适、零甲醛的生活空间。Glasstex® Brand Functional Series Wallcovering have the same patterns as Classical Type, but with innovative improved techniques on Compound Process can provide customers a green, comfort and safe living space with zero-formaldehyde.

#### 产品特点 Product Properties

- 高除甲醛率
- 隔热性好
- 保温性好
- 防水性好
- Perfect ability for degradation of Formaldehyde
- Excellent Insulation Ability
- Good heat preservation
- Good waterproof ability



#### 预涂系列 Prepainted Wallcovering

#### 产品介绍 Product Introduction

Glasstex® 预涂系列壁布是在壁布生产过程中预先涂刷一层乳胶漆，可为客户简化施工工序，节约人工和乳胶漆成本，适用于施工进度要求较快的工程。Glasstex® Prepainted wallcovering is the type painted during production, to help customer save construction time, labor cost and paint cost, which is suitable for hurry schedule project.

#### 产品特点 Product Properties

- 节约人工成本
- 缩短施工时间
- 施工工序更简单
- 边角不易损坏
- 易于粘贴
- 涂刷一至两遍即可，减少乳胶漆使用量
- Reduce labor cost
- Shorten construction time
- Simplify Construction procedure
- Wallcovering edge not easy damaged
- Easy to paste
- Painting 1-2 times for good effect, save paint consumption





## FIBERGLASS MAT &amp; FABRICS——

## INSECT SCREEN

玻璃纤维纱制品——

## 玻纤带增强聚乙烯复合管材

## 产品介绍 Product Introduction

玻纤带增强聚乙烯复合管材 (GFT-RTP) 是以高密度聚乙烯 (HDPE) 为内管, 高强度的玻璃纤维复合带为增强层, 外层包覆高密度聚乙烯层复合制成的管材。各层之间完全熔融在一起, 形成全熔接型的复合管。用于陆地和浅海的石油、天然气开采的集油管、注水管, 市政工程用城市供水管道和排水管等。

Fiberglass Robbin reinforced polyethylene composite pipe (GFT-RTP) is made of high density polyethylene (HDPE) as inner pipe, high strength glass fiber composite belt as reinforcing layer, and outer coating of high density polyethylene layer. All layers are melted together to form a fully welded composite pipe. This Composite pipe are mainly used in petroleum Collective transfer pipes, natural gas transfer pipe, water injection pipes for Drilling petroleum and exploiting natural gas. Also largely used as urban Water supply pipes and drainage pipes etc.

## 产品特点 Product Properties

- 柔韧性较好
- 良好的抗冲击、耐疲劳性能
- 耐压、耐腐蚀、重量轻、成本低
- 单管长度长, 可靠性高
- Good flexibility
- Good impact and fatigue resistance
- Pressure resistance, corrosion resistance, light weight, low cost
- Single pipe with long length and high reliability

## 技术指标 Technical Data

产品型号 Product Code	外径 External Diameter	工作压力 Working Pressure	长度 Length
Φ50	50mm	10MPa	400-2000m
Φ63	63mm	10MPa	400-2000m
Φ75	75mm	15MPa	400-2000m
Φ90	90mm	15MPa	400-2000m
Φ110	110mm	20MPa	400-2000m
Φ159	159mm	25MPa	400-2000m
Φ630	630mm	0.8MPa	12m
Φ800	800mm	1.0MPa	12m
Φ1000	1000mm	1.6MPa	12m

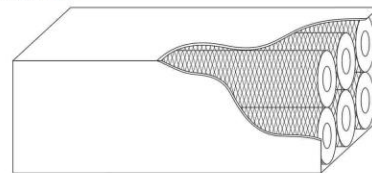
产品包装及贮存  
PACKGING & STORAGE

## 短切毡

每卷套一个透明塑料袋, 然后放入纸箱。如有特殊包装要求, 可按照客户要求来做, 1x20尺柜可装约10吨。

## CHOPPED STRAND MAT

Fiberglass chopped strand mat is packed in a transparent plastic bag and put into cardboard carton. Special packaging requests can be accommodated, the loading capacity for 20ft container is approx 10t.

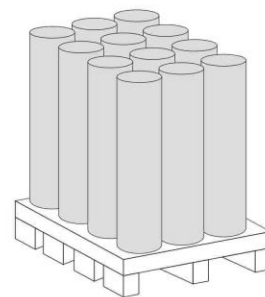


## 连续毡

每个卷套一个纸筒, 一个透明塑料袋, 放于托盘上, 每拖12个。可按照客户要求来做。

## CONTINUOUS FILAMENT MAT.

Each roll packed by shrink film or protect by cardboard paper, 12 rolls/pallet. Customerized package available.



## 贮存

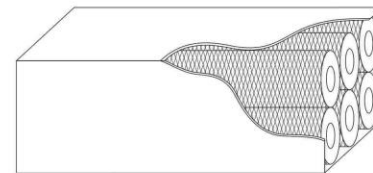
如无特殊要求, 产品应堆放于干燥凉爽处, 如若不用, 请勿打开包装物, 以免受潮。

## 方格布

每卷套一个透明塑料袋, 然后放入纸箱。如有特殊包装要求, 可按照客户要求来做, 1x20尺柜可装约18吨。

## WOVEN ROVING

Fiberglass woven roving is packed in a transparent plastic bag and put into cardboard carton. Customer package request available. The loading quantity of 1x20ft container is approx 18t.

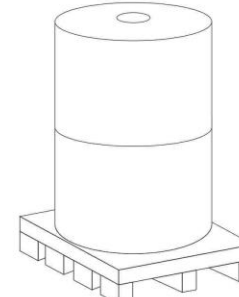


## 湿法毡

每卷套透明塑料袋, 2卷加固后放置在托盘上。如有特殊包装要求, 可按照客户要求定做。

## FIBERGLASS WET: LAID MAT

Every roll packed in a transparent bag, 2 rolls fixed on the pallet. Customer package request available.



## STORAGE

Unless otherwise specified, the product should be stocked in dry and cool area, don't open the package when not used to avoid damp.