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DONGYU FIBERGLASS®

Composite Materials Solutions

SINCE **1996**

常熟市东宇绝缘复合材料有限公司
常熟市迪万弗国际贸易有限公司

CHANGSHU DONGYU INSULATED COMPOUND MATERIALS CO., LTD.
常熟市东宇绝缘复合材料有限公司

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品质让合作更久远

Better Quality, Better Cooperation.

DYF

Be the right one.





DYF

Founded in 1996, is a high-tech enterprise specializing in R&D, Production and Sales of Fiberglass Composites Materials. It has passed the certification of ISO9001, UKAS and DNV GL. Strictly following the development strategic of high quality, service internationalization and technological innovation, company has established long term and stable cooperation relations with customers from more than 80 countries and regions around the world.

DYF' s major products are: fiberglass roving, fiberglass yarn, chopped strand mat, combo mat, multiaxial fabric, FRP products and fiberglass fire blanket.

Dongyu will always stick to the enterprise principle” Better Quality, Better cooperation” and “ Be the right one” , constantly forge ahead and strive to become a long-lived and outstanding global composite solutions supplier.

常熟市东宇绝缘复合材料有限公司

成立于1996年, 是一家专业从事玻璃纤维和复合材料制品研发、生产、销售为一体的高新技术企业, 通过了ISO9001,UKAS和DNV GL德国船级社等认证。公司紧紧围绕产品优质化、服务国际化、技术创新化的发展战略, 与全球80多个国家和地区的客户建立了长期稳定的合作关系。

公司主要产品有: 玻璃纤维粗纱、电子细纱、短切毡、复合毡、多轴向织物、FRP玻璃钢制品和玻璃纤维防火用灭火毯等。东宇, 将始终坚持“品质让合作更久远”的企业核心理念, 不断开拓进取, 致力于成为一家长远而卓越的全球复合材料解决方案供应商。

**DONGYU. NONWOVEN**

- ^ Chopped strand mat.
- ^ Nonwoven CSM.
- ^ Surface tissue.
- ^ Roofing tissue.
- ^ Continuous mat

DONGYU. WOVENS

- ^ Woven roving.
- ^ Fabrics.
- ^ Fire blanket.
- ^ Fiberglass mesh.
- ^ Carbon fabric.

DONGYU. COMBOMAT

- ^ Woven Roving CSM.(ESM)
- ^ EBX / ELT / EQX / EUD.
- ^ Stitch mat. (EMK)
- ^ Core mat.
- ^ RTM mat

DONGYU. ROVING & YARN.

- ^ Direct roving.
- ^ Spray up roving.
- ^ SMC roving.
- ^ AR Glass roving.
- ^ Yarn.

DONGYU. STRANDS.

- ^ Wet Chopped Strands
- ^ For Thermoplastics
- ^ For BMC

DONGYU. FRP.

- ^ FRP Panel.
- ^ FRP pipe.
- ^ FRP Car roofing.
- ^ FRP Base.



FIBERGLASS NONWOVEN
RANGE
SELECTOR GUIDE

东宇-无纺系列产品



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FIBERGLASS
CHOPPED STRAND MAT
玻璃纤维短切毡

→ E-GLASS CHOPPED STRAND MAT

E-glass Chopped Strand Mats are non-woven fabrics consisting of randomly distributed chopped strands held together with a powder or emulsion binder. Chopped Strand Mat is compatible with unsaturated polyester, vinyl ester, epoxy and phenolic resins. The products are most widely used in hand lay-up process and can also be used in filament winding, Compression molding and continuous laminating processes. The typical end-use applications include various panels, boats, FRP roofing sheet, Automotive parts, bathroom equipment and cooling towers.

玻璃纤维短切毡是由玻璃纤维原丝经过短切后，随机无定向均匀分布，然后用粉末或者乳液粘结剂粘合在一起而制成片状毡片。短切毡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。短切毡广泛应用于玻璃钢手糊工艺和缠绕工艺，也用于模压、连续层压、轿车等工艺。主要终端产品有各种板材，船艇，模特衣架，汽车部件，浴室成套设备和冷却塔等。

→ PRODUCTION RANGE

产品编号 Production No	粘结剂类型 Binder type	密度 Density (g/m ²)	幅宽 Roll Width(mm)	适用树脂 Resin Compatibility	应用 Applications
M211	Powder	150/180/225/300 375/450/600/900	Normal:1040/1250 Range:50 ~ 3300	UP,VE,EP	General Purpose
M212	Powder	225/300/370/450/600	Normal:1040/1250 Range:50 ~ 3300	UP,VE,EP	FRP Transparent Roofing Sheets
M216	Powder	225/300/370/450/600	Normal:1040/1250 Range:50 ~ 3300	UP,VE,EP	Hand lay-up
M218	Powder	80/100/110/120/135	Normal:1350/1680 Range:50 ~ 3300	PU	Automotive Headliner
M221	Emulsion	150/180/225/300 375/450/600/900	Normal:1040/1250 Range:50 ~ 3300	UP,VE,EP	General Purpose
M222	Emulsion	150/180/225/300 375/450/600/900	Normal:1040/1250 Range:50 ~ 3300	UP,VE,EP	RTM
M226	Emulsion	225/300/370/450/600	Normal:1040/1250 Range:50 ~ 3300	UP,VE,EP	Hand lay-up
M228	Emulsion	80/100/110/120/135	Normal:1350/1680 Range:50 ~ 3300	PU	Automotive Headliner

→ PRODUCT FEATURES

Uniform density ensures mechanical properties of the composites products.
Excellent flexibility ensures good moldability with no spring-back at sharp corners.
Fast and consistent wet-out speed in resins and rapid air release reduce resin consumption.
The composite products have high dry and wet tensile strength and good transparency.

→ PACKING

Each product is wound onto a paper tube which has an inside diameter of 76mm. The roll outside diameter is approximately 275mm. Each roll is wrapped up in plastic film and then packed in a cardboard box. The carton are stacked horizontally or vertically onto pallets. All pallets are stretch wrapped and strapped to maintain stability during transport.



DONGYU FIBERGLASS



FIBERGLASS
TISSUE
玻璃纤维薄毡
表面毡/屋面毡

→ FIBERGLASS SURFACE TISSUE

Fiberglass surface tissue is mainly used for the surface layer of fiberglass products. Divided into specific wound type S-BM (w) series, hand lay-type S-BM (H) series and pultrusion type S-BM (P) series of three categories.

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S-BM(w)系列、手糊型S-BM(H)系列和拉挤型S-BM(P) 系列三大类。

→ PRODUCTION RANGE

产品编号 Production No	粘结剂含量 Gum content (%)	密度 Density (g/m ²)	幅宽 Roll Width(mm)	纵向拉伸强度 (N/5cm) Longitudinal tensile strength	含水率 (%) Moisture content(%)
S-BM(W)-30	7	30	Normal:1000 Range:50 ~ 3000	≥30	≤0.5
S-BM(W)-50	7	50	Normal:1000 Range:50 ~ 3000	≥50	≤0.5
S-BM(H)-30	6	30	Normal:1000 Range:50 ~ 3000	≥25	≤0.5
S-BM(H)-50	6	50	Normal:1000 Range:50 ~ 3000	≥40	≤0.5
S-BM(P)-90	8	90	Normal:1000 Range:50 ~ 3000	≥200	≤0.5

→ FIBERGLASS ROOFING TISSUE

Fiberglass roofing tissue is a good base for SBS, APP modified asphalt waterproofing membrane and colored asphalt tile. Due to the longitudinal reinforcement of the whole tissue, the longitudinal tensile strength and transverse breaking strength of the mat are fully improved.

玻璃纤维屋面毡是制做SBS、APP改性沥青防水卷材和沥青瓦的良好胎基，并且由于整幅毡的纵向加筋，充分提高了纵向拉伸强度和横向抗撕裂强度。

→ PRODUCTION RANGE

产品编号 Production No	粘结剂含量 Gum content (%)	密度 Density (g/m ²)	幅宽 Roll Width(mm)	纵向拉伸强度 (N/5cm) Longitudinal tensile strength	横向拉伸强度(N/5cm) transverse tensile strength
S-WM-50	18	50	Normal:1000 Range:50 ~ 3000	≥170	≥100
S-WM-60	18	60	Normal:1000 Range:50 ~ 3000	≥180	≥120
S-WM-90	20	90	Normal:1000 Range:50 ~ 3000	≥350	≥220
S-WM-45/T15/30	18	45	Normal:1000 Range:50 ~ 3000	≥200	≥60
S-WM-50/T15/30	20	50	Normal:1000 Range:50 ~ 3000	≥220	≥80
S-WM-60/T15/30	20	60	Normal:1000 Range:50 ~ 3000	≥240	≥100
S-WM-90/T15/30	20	90	Normal:1000 Range:50 ~ 3000	≥400	≥200



NONWOVEN
CSM COMBO MATS
无纺布和短切毡复合

→ NONWOVEN CSM COMBO MATS

Non-Woven CSM Combo Mats is a kind of new compound material, which is combined with Non-Woven Fabric and CSM through high temperature. The product is widely used in variety of FRP products. Such as decorating panel, car and train interior parts, Cablewrapping, boats and Recreational facilities. Etc.
It has high tensile strength, can fit to variety kinds of pultrusion crafts, products being produced with it can besmooth and beautiful on surface.

无纺布短切毡复合毡是一种新型复合材料，涤纶无纺布与玻璃纤维原丝毡经过高温复合而成。广泛应用于各种玻璃钢型材。比如：装饰板材，汽车火车内饰件，电缆包扎，船舶和游乐设施等。
产品拉力强度高，能满足各种挤拉型材工艺，生产的产品表面光洁、平整、美观。

→ PRODUCTION RANGE

产品编号 Production No	粘结剂含量 Gum content (%)	密度 Density (g/m ²)	幅宽 Roll Width(mm)	纵向拉伸强度 (N/5cm) Longitudinal tensile strength	含水率 (%) Moisture content(%)
MNC200/40	4±1	240	Normal:1040 Range:50 ~ 3000	≥200	≤0.5
MNC300/40	4±1	340	Normal:1040 Range:50 ~ 3000	≥260	≤0.5
MNC450/40	4±1	490	Normal:1040 Range:50 ~ 3000	≥330	≤0.5
MNC600/40	4±1	640	Normal:1040 Range:50 ~ 3000	≥420	≤0.5
MNC40/200/40	4±1	280	Normal:1040 Range:50 ~ 3000	≥260	≤0.5
MNC40/300/40	4±1	380	Normal:1040 Range:50 ~ 3000	≥320	≤0.5
MNC40/450/40	4±1	530	Normal:1040 Range:50 ~ 3000	≥390	≤0.5
MNC40/600/40	4±1	680	Normal:1040 Range:50 ~ 3000	≥510	≤0.5



FIBERGLASS ROVING
RANGE
SELECTOR GUIDE

东宇-纱系列产品



DONGYU FIBERGLASS



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FIBERGLASS
ASSEMBLED ROVING
玻璃纤维合股纱

SPRAY UP ROVING / PANEL ROVING / SMC ROVING.

→ ASSEMBLED ROVING FOR SPRAY-UP

Assembled Roving for spray-up is compatible with UP and VE resins. It delivers properties of low static, excellent dispersion, and good wet out in resins. It covers a wide range of applications: bathtub, FRP boat hulls, various pipes, storage vessels and cooling towers.

喷射用合股无捻粗纱主要适用于增强UP、VE、PU。具有良好的分散性和低静电，树脂浸透性好。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (tex)	适用树脂 Resin Compatibility	应用 Applications
180	2400、3460、4800	UP,VE	Bathtub, FRP boat hull
172	2400、3460、4800	UP,VE	Bathtub, supporting components
178	2400、3460、4800	UP,VE	Bathroom equipment, yacht components
170	2400、3460、4800	UP,VE	Swimming pool, bathtub

→ ASSEMBLED PANEL ROVING

Assembled Panel Roving is coated with a silane-based sizing compatible with UP. It can wet out fast in resin and deliver excellent dispersion after chopping.

透明板材纱，经涂覆硅烷基浸润剂，适用于不饱和聚酯树脂、亚克力树脂，具有良好的短切性和分散性，能在树脂中快速彻底浸透。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (tex)	适用树脂 Resin Compatibility	应用 Applications
528S	2400	UP	transparent panel
872	24,004,800	Unsaturated polyester, acrylic resin	High transparency panel

→ ASSEMBLED ROVING FOR SMC

Assembled Roving for SMC is compatible with unsaturated polyester, vinyl ester resin, delivering good dispersion after chopping, low fuzz, fast wet out and low static.

SMC用无碱玻璃纤维合股无捻粗纱适用于增强不饱和聚酯、乙烯基树脂等，产品的切割性能好，分散性好，毛羽少，浸透快，静电小。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (tex)	适用树脂 Resin Compatibility	应用 Applications
440	2400、4392、4800	UP,VE	Truck parts, water tanks, door sheet and electrical parts
442C	2400、4392、4800	UP,VE	Ceiling tiles, door sheet



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FIBERGLASS ASSEMBLED ROVING 玻璃纤维合股纱

ASSEMBLED ROVING FOR CSM / FOR GYPSUM/CENTRIFUGAL
CASTING

→ ASSEMBLED ROVING FOR CSM

Assembled Roving for produce chopped strand mat.

短切毡用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、乙烯基树脂和环氧树脂相容性好。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (tex)	适用树脂 Resin Compatibility	应用 Applications
512	2400	UP,VE,EP	manufacture general CSM
516	2400	UP,VE,EP	manufacture low grammage CSM
520	2400	UP,VE,EP	Stitched mat

→ ASSEMBLED ROVING FOR GYPSUM

Assembled roving for gypsum is specially designed to reinforce for gypsum. It is chopped into a specific length, then mixed with gypsum, starch powder and accelerating agent to form a light weight construction boards, delivering good choppability, low static and high strength of end products.

增强石膏用无碱玻璃纤维无捻粗纱通过短切成一定长度后和石膏、淀粉、促凝剂等混合，制成轻质建筑板材。产品短切性和抗静电性能良好，制品强度高。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (tex)	应用 Applications
514	2400	Gypsum boards

→ ASSEMBLED ROVING FOR CENTRIFUGAL CASTING

Assembled Roving for Centrifugal Casting is coated with silane-based sizing, compatible with UP resin, delivering excellent choppability and dispersion, low static , fast wet out, and excellent mechanical properties of the composite products.

离心浇筑用无碱玻璃纤维合股无捻粗纱，经涂覆硅烷基浸润剂，可与不饱和聚酯树脂相容，具有良好的切割性和分散性，抗静电性能好，浸透速度快，制品具有良好的机械性能。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (tex)	适用树脂 Resin Compatibility	应用 Applications
622	240、4800	UP	Centrifugal casting pipe



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FIBERGLASS DIRECT ROVING 玻璃纤维直接纱

Direct Roving for Filament winding
Direct Roving for Pultrusion
Direct Roving for weaving

→ DIRECT ROVING FOR FILAMENT WINDING

Direct Roving for Filament winding, is compatible with unsaturated polyester, polyurethane, vinyl ester, epoxy and phenolic resins. Main uses include manufacture of FRP pipes of various diameters, high-pressure pipes for petroleum transitions, pressure vessels, storage tanks, and, insulation materials such as utility rods and insulation tube.

缠绕用无碱玻璃纤维直接无捻粗纱，主要适用于增强不饱和聚酯树脂、乙烯基树脂、环氧树脂、聚氨酯树脂等，可用于制造各种直径规格的玻璃钢输水及化工防腐管道、耐高压的输油管道、压力容器、贮罐等，以及电线杆、绝缘筒等绝缘材料。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (tex)	适用树脂 Resin Compatibility	应用 Applications
386	200、300、600、1200、 2400、4800、9600	UP,VE,EP	FRP pipes and storage tanks Storage tanks and medial-pressure FRP pipes for water transmission and chemical corrosion Used as reinforcement of pressure vessel and high-and medial- pressure resistance FRP pipe for water transmission
386T	200、300、600、1200、 2400、4800、9600	UP,VE,EP,phenolic resin	
318	300、600、735、1200、 2000、2400	Epoxy resin	

→ DIRECT ROVING FOR PULTRUSION

Direct Roving for Pultrusion is compatible with unsaturated polyester, vinyl ester, epoxy and phenolic resins, and is widely used in building & construction, telecommunication and insulator industry.

拉挤用直接无捻粗纱，主要适用于增强不饱和聚酯树脂、乙烯基树脂、环氧树脂、酚醛树脂等，制品可广泛应用于建筑、通讯、电绝缘等各个领域。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (tex)	适用树脂 Resin Compatibility	应用 Applications
316	300、600、1200	Vinyl ester	Used to manufacture optic cable Storage tanks and medial-pressure FRP pipes for water transmission and chemical corrosion manufacture various sectional bars
386T	200、300、600、1200、 2400、4800、9600	UP,VE,EP,phenolic resin	
312	1200、2400、4400、 4800、8800、9600	Unsaturated polyester, vinyl ester and epoxy resins	

→ DIRECT ROVING FOR WEAVING

Direct Roving for weaving is compatible with unsaturated polyester, vinyl ester and epoxy resins. Its excellent weaving property makes it suited for fiberglass product, such as roving cloth, combination mats, stitched mat, multi-axial fabric, geotextiles, molded grating.

编织用无碱玻璃纤维直接无捻粗纱，适用于增强不饱和聚酯树脂、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。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (tex)	适用树脂 Resin Compatibility	应用 Applications
386	200、300、600、1200、 2400、4800、9600	UP,VE,EP	Woven.



FIBERGLASS
YARN
电子及工业用玻璃纤维细纱

→ FIBERGLASS YARN.

Dongyu supply fiberglass yarn with excellent electric resistance, high tensile strength, excellent dimensional stability, corrosion and heat resistance, glass fiber yarn is widely used in electronic products and produced as reinforcements in industrial applications. We offers following yarn styles: G37 1/0, G75 1/0, G150 1/0 and plied and twisted yarns such as G37 1/2, G75 1/3, G150 1/2, etc.

玻璃纤维细纱产品分为初捻细纱、并捻细纱、膨体细纱及直接细纱。数百根玻璃纤维原纱经一次加捻，称为初捻纱，二根或多根初捻纱经过二次加捻合并形成并捻纱，多根初捻纱通过平行合股的方式可加工成合股细纱，初捻纱、并捻纱、合股细纱或者粗纱通过膨化的方式可加工成膨体纱，不经过捻线工艺的细纱，外观同直接纱形式的，称为直接细纱。

→ PRODUCTION RANGE

Single Yarn		
产品类型（英制） Product Code (English System)	密度 Density (tex)	净重(公斤/纱管) Net Weight (Kg/Bobbin)
EC DE150 1/0 0.7Z	34	3.62
EC DE75 1/0 0.7Z	68	3.62/4.5/7.4
EC DE37 1/0 0.7Z	136	3.52
EC E110 1/0 1.0Z	45	7.27
EC G150 1/0 0.7Z (0.5Z)	34	3.62
EC G75 1/0 0.7Z (0.5Z)	68	8.6/3.6/4.09
EC G67 1/0 0.7Z	74	8.1
EC G37 1/0 0.7Z (0.5Z)	136	8.6
EC G25 1/0 0.7Z	204	7.5
EC H37 1/0 0.7Z	136	8.49
EC H25 1/0 0.7Z	204	7.5
EC H12 1/0 0.7Z	408	7.5
EC K37 1/0 0.7Z	136	8.6
EC K18 1/0 0.7Z	272	8.6

Plied Yarn		
产品类型（英制） Product Code (English System)	密度 Density (tex)	净重(公斤/纱管) Net Weight (Kg/Bobbin)
EC 4 34×1×3 S150(S120)	101.1	3.6
EC 4 34×1×6 S150(S120)	202.2	3.6
EC 5 11×1×2 S180	22.4	1.81
EC 5 11×1×3 S180	33.6	2.01
EC 6 34×1×2 S100	68	3.6
EC 6 34×1×4 S100	136	3.6
EC 6 68×1×2 S112(S152)	136	3.6
EC 6 136×1×2 S112(S152)	272	3.6
EC 6 136×1×3 S112(S152)	408	3.6
EC 6 136×1×4 S112(S152)	544	3.6
EC 7 22×1×2 S100(S152)	45	3.6
EC 7 22×1×3 S100(S152)	67.5	3.6
EC 9 34×1×3 S100(S112)(S152)	102	3.6
EC 9 34×1×4 S100(S112)(S152)	136	3.6
EC 9 68×1×3 S100(S112)(S152)	206	3.6

FIBERGLASS WOVEN
RANGE
SELECTOR GUIDE

东宇-纺织系列产品





FIBERGLASS
WOVEN ROVING
玻璃纤维无捻粗纱布

→ E-GLASS WOVEN ROVING.

E-Glass Woven Rovings are bidirectional fabric made by interweaving direct rovings.
E-Glass Woven Rovings are compatible with unsaturated polyester, vinyl ester, epoxy and phenolic resins.
E-Glass Woven Rovings are a high-performance reinforcement widely used in hand lay up and robot processes to manufacture boats, vessels, plane and automotive parts, furniture and sports facilities.

无碱玻璃纤维无捻粗纱布适用于各种树脂增强，如不饱和聚酯树脂、乙烯基树脂、环氧树脂和酚醛树脂等。
无捻粗纱布产品幅宽范围20mm~3000mm，单位面积质量范围200g/m²~1600 g/m²，特殊规格可根据客户要求生产。

→ PRODUCTION RANGE

产品编号 Production No	编织类型 Weave	密度 Density (g/m ²)	幅宽 Roll Width(mm)	适用树脂 Resin Compatibility	应用 Applications
EW200	Plain	200	20 - 3000	UP,VE,EP	used in hand lay up and robot processes to manufacture boats, vessels, plane and automotive parts, furniture and sports facilities.
EW270	Plain	270	20 - 3000	UP,VE,EP	
EW300	Plain	300	20 - 3000	UP,VE,EP	
EW360	Plain	360	20 - 3000	UP,VE,EP	
EW400	Plain	400	20 - 3000	UP,VE,EP	
EW450	Plain	450	20 - 3000	UP,VE,EP	
EW500	Plain	500	20 - 3000	UP,VE,EP	
EW600	Plain	600	20 - 3000	UP,VE,EP	
EW720	Plain	720	20 - 3000	UP,VE,EP	
EW800	Plain	800	20 - 3000	UP,VE,EP	
EW860	Plain	860	20 - 3000	UP,VE,EP	
EW1000	Plain	1000	20 - 3000	UP,VE,EP	
EW1200	Plain	1200	20 - 3000	UP,VE,EP	
EW1500	Plain	1500	20 - 3000	UP,VE,EP	
EW1600	Plain	1600	20 - 3000	UP,VE,EP	

→ PRODUCT FEATURES

Warp and weft rovings aligned in a parallel and flat manner, resulting in uniform tension.
Densely aligned fibers, resulting in high dimensional stability and making handling easy.
Good moldability, fast and complete wet out in resins, resulting in high productivity.
Good mechanical properties and high strength of parts.

→ PACKING

Woven Rovings are wound onto a paper tube which has an inside diameter of 76-89mm, and the roll has a diameter of 220mm. The roll is wrapped up with plastic film, and then packed in a cardboard box or wrapped up with kraft Paper.
The rolls are to be horizontally placed. For transportation the rolls can be loaded into a container directly or on pallets.



FIBERGLASS
INDUSTRIAL FABRIC
玻璃纤维工业布

→ INDUSTRIAL FABRIC

We mainly produce 0.03mm-1.3mm series thickness of the industrial fabric, specifications can be adjusted according to customer needs.
We can increase the strength of 20% according to customer strength performance of special requirements.Industrial cloth can be used for coating cloth, coated PTFE, silicone, PVA, such as 1528, 7577, can also be used in aviation equipment, such as 7581, 7781, 1581; used in fire protection, protective cloth, such as 3784, 3788 and other varieties.

我们主要生产0.03mm-1.3mm系列厚度的工业布，规格可以根据客户需求调整。我们也可以根据客户对强度性能的特殊要求，提高强度20%左右工业布可以用于涂层布，涂覆PTFE、硅胶、PVA等，如1528、7577；也可用于航空器材方面，如7581、7781、1581；可用于防火、防护用布，如3784、3788等品种。

→ PRODUCTION RANGE

产品编号 Production No	经纱 Warp	纬纱 Weft	经纬密(根/inch) Thread count (/inch)	密度 Density (g/m ²)	厚度 Thickness (mm)	织造工艺 Weaving
106	D900 1/0	D900 1/0	56*56	25	0.035	Plain
112	G150 1/0	G150 1/0	60*52	151	0.240	Plain
113	D450 1/2	D900 1/2	60*64	86	0.095	Plain
116	D450 1/2	D450 1/2	60*58	110	0.100	Plain
128	E225 1/3	E225 1/3	44*31	203	0.175	Plain
141	G75 1/2	G75 1/2	32*22	295	0.265	Plain
1080	D450 1/0	D450 1/0	60*47	48	0.065	Plain
1086	D450 1/0	D450 1/0	60*60	128	0.060	Plain
1161	D450 1/0	E110 1/0	100*48	130	0.133	Plain
1165	D450 1/2	G150 1/0	60*53	122	0.125	Plain
1528	G150 1/2	G150 1/2	44*32	210	0.180	Plain
2000	G37 1/0	G37 1/0	23*23	246	0.200	Plain
2001	G75 1/2	G75 1/2	32*30	330	0.260	Plain
2113	E225 1/0	D450 1/0	60*56	79	0.080	Plain
2116	E225 1/0	E225 1/0	60*57	105	0.096	Plain
3732	G37 1/0	G37 1/0	46*33	425	0.310	4HS
3784	G37 1/2	G37 1/2	46*35	875	0.670	8HS
3788	G37 1/4	G37 1/4	44*33	1700	1.230	12HS
7628	G75 1/0	G75 1/0	44*33	210	0.180	Plain
7630	G67 1/0	G67 1/0	44*31	225	0.220	Plain
7638	G75 1/0	G37 1/0	44*25	290	0.265	Plain

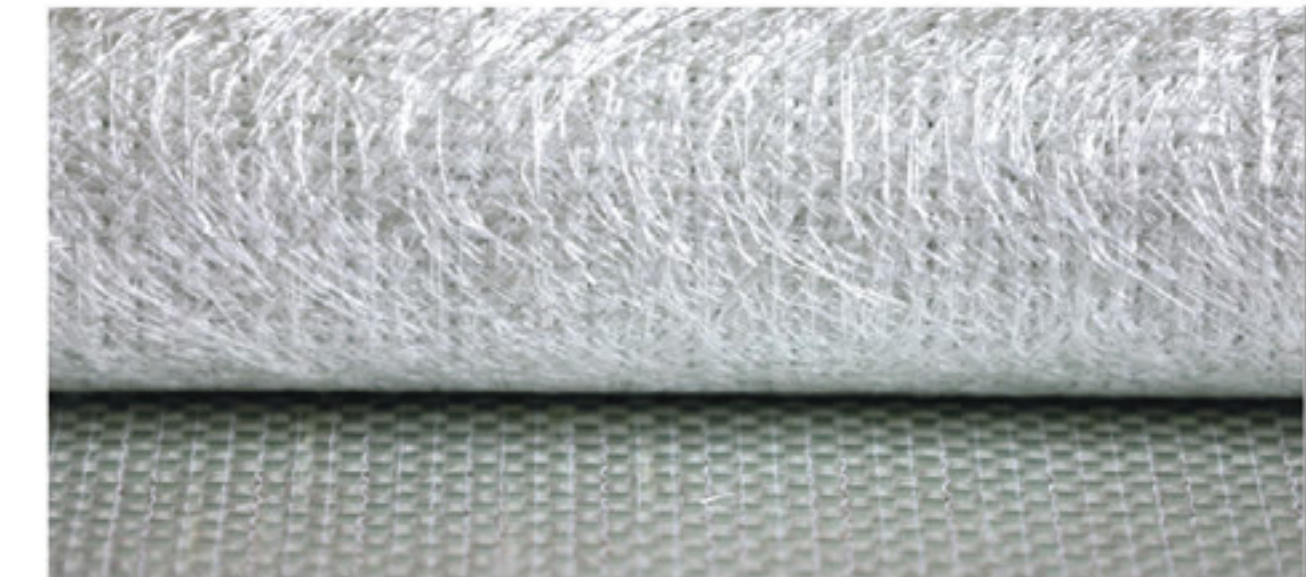


COMBO MAT. MULTI-AXIAL MAT
RANGE
SELECTOR GUIDE

东宇-复合毡和多轴向系列



Dongyufiberglass.com



WOVEN ROVING COMBO MAT
ESM
玻璃纤维缝编复合毡

→ WOVEN ROVING COMBO MAT

E-Glass Woven Roving Combo Mat is a complex mat made by stitching together woven roving and a layer of distributed chopped strand. Its main specification is woven roving (300g/m²~900g/m²) with chopped strands (50g/m²~500g/m²). The product has a maximum width of 110 inches. This product can be used for boat manufacturing.

无碱玻璃纤维无捻粗纱布缝编复合毡是玻璃纤维无捻粗纱布外加一层玻璃纤维短切原丝缝编而成的复合织物。主要规格有：玻璃纤维无捻粗纱布（300g/m²-900g/m²），加玻璃纤维短切原丝层（50g/m²-500g/m²），产品最大幅宽可达110英寸。目前此产品主要用于制作游艇等。

→ PRODUCTION RANGE

产品编号 Production No	总克重 Overall Density (g/m ²)	无捻粗纱布克重 WR Density (g/m ²)	短切原丝克重 Chop Density (g/m ²)	涤纶丝克重 Yarn Density (g/m ²)
ESM1808	896.14	612	274.64	9.5
ESM1810	926.65	612	305.15	9.5
ESM1815	1080.44	612	457.73	10.71
ESM2408	1132.35	847	274.64	10.71
ESM2410	1162.86	847	305.15	10.71
ESM2415	1315.44	847	457.73	10.71
ESM2430	1762.71	847	900	15.71



FIBERGLASS STITCHED MAT
EMK
玻璃纤维缝编毡

→ FIBERGLASS STITCHED MAT

E-Glass Stitched Chopped Mat (300g/m²~900g/m²) is made by chopping continuous strands into chopped strands and stitching them together. The product has a maximum width of 110 inches. This product can be used in manufacturing boat manufacturing and tubes.

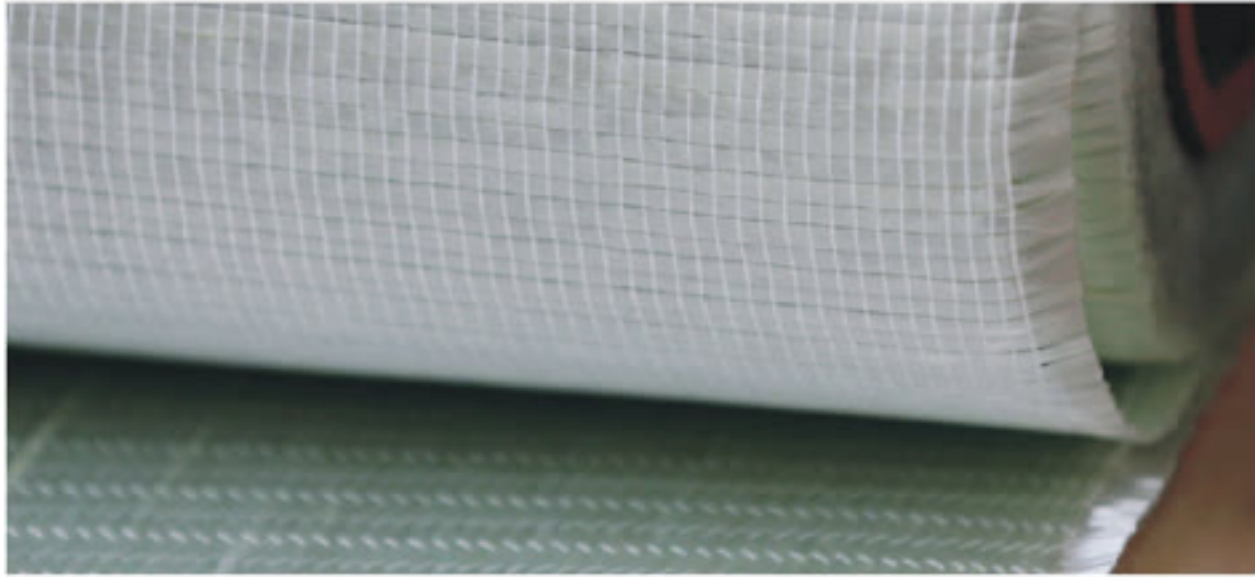
无碱玻璃纤维缝编短切原丝毡是单层玻璃纤维短切原丝经缝编而成的织物。主要规格有：玻璃纤维短切原丝层300g/m²-900g/m²，产品最大幅宽可达110英寸。此产品主要用于制作各类游艇、管道等。

→ PRODUCTION RANGE

产品编号 Production No	总克重 Overall Density (g/m ²)	短切原丝克重 Chop Density (g/m ²)	涤纶丝克重 Yarn Density (g/m ²)
EMK300	309.5	300	9.5
EMK380	389.5	380	9.5
EMK450	459.5	450	9.5
EMK600	609.5	600	9.5
EMK900	909.5	900	9.5



DONGYU FIBERGLASS



STITCHED COMBO MAT
ELT: 0°(ROVING) + 90°(ROVING)
ELTMC: 0°(ROVING) + 90°(ROVING) + CHOPED STRANDS

双轴向织物系列

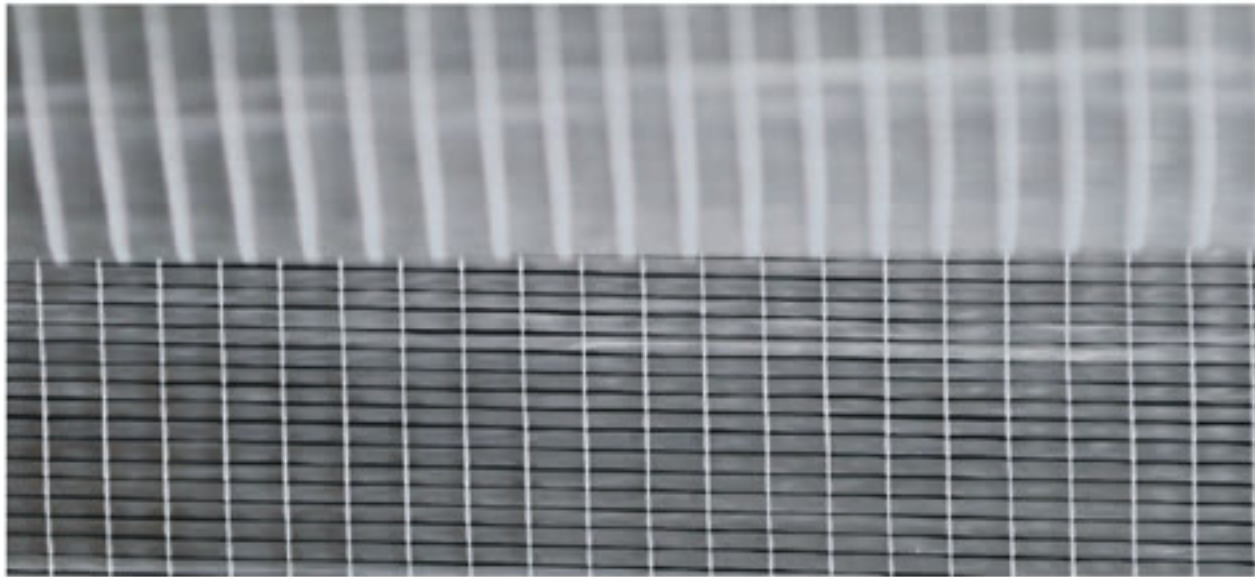
→ E-LT series mat.

Two layers of roving (400g/m²-1250g/m²) are aligned at 0/90 with or without a layer of chopped strands(0g/m²-500g/m²).
The product has a maximum width of 100 inches.This product can be used for manufacturing boats,cases and shell of car.

双层玻璃纤维无捻粗纱（400g/m²-1250g/m²），排列角度0°/90°，可选加短切原丝层（0g/m²-500g/m²），产品最大幅宽可达110英寸。此产品主要制作游艇、各类箱体、汽车外壳等。

→ PRODUCTION RANGE

产品编号 Production No	总克重 Overall Density (g/m ²)	0° Layer 0° Density (g/m ²)	90° Layer 90° Density (g/m ²)	短切原丝克重 Chop Density (g/m ²)	涤纶丝克重 Yarn Density (g/m ²)
ELTC1800	629.16	303.8	307	/	18.36
ELTMC1808	903.8	303.8	307	274.64	18.36
ELTC2400	825.48	405.66	401.46	/	18.36
ELTMC2408	1101.04	405.66	401.46	274.64	19.28
ELTMC2415	1284.13	405.66	401.46	457.73	19.28



UNIDIRECTIONAL FABRIC
E-T: 90°
E-UDL: 0°

单向布系列

→ UNIDIRECTIONAL FABRIC

Unidirectional fabric include 0 unidirectional fabric and 90 unidirectional fabric.
The density of 0 unidirectional mats is 300g/m²-900g/m² and the density of 90 unidirectional mats is 150g/m²-1200g/m².
This product is mainly used in making tubes and blades of wind power turbines.

单轴向产品分为0°方向单轴向产品和90°方向单轴向产品。0°方向单轴向产品的克重范围在300g/m²-900g/m²。90°方向单轴向产品的克重范围在150g/m²-1200g/m²。此产品主要用于制作管道。

→ PRODUCTION RANGE

产品编号 Production No	总克重 Overall Density (g/m ²)	0° Layer 0° Density (g/m ²)	90° Layer 90° Density (g/m ²)	涤纶丝克重 Yarn Density (g/m ²)
E-T210	213.46	/	208.61	4.85
E-T300	291.69	/	286.44	5.25
E-T400	405.2	/	399.95	5.25
E-T600	603.04	/	597.79	5.25
E-UDL450	475.84	402.36	55.12	18.36
E-UDL500	487.65	402.36	66.93	18.36
E-UDL600	602.99	566.93	27.56	8.5



STITCHED COMBO MAT
EBX: +45°(ROVING) -45°(ROVING)
EBXMC: +45°(ROVING) -45°(ROVING) + CHOPED STRANDS

双轴向织物系列

→ E-BX series mat.

Two layers of roving(450g/m²-850g/m²) are aligned at +45 /-45 with or without a layer of chopped strands(0g/m²-500g/m²).
The product has a maximum width of 100 inches.This product is used in boat manufacturing.

双层玻璃纤维无捻粗纱（450g/m²-850g/m²），排列角度+45°/-45°，可选加短切原丝层（0g/m²-500g/m²），产品最大幅宽可达100英寸。此产品主要用于制作游艇。

→ PRODUCTION RANGE

产品编号 Production No	总克重 Overall Density (g/m ²)	+45° Layer +45°Density (g/m ²)	-45° Layer -45°Density (g/m ²)	短切原丝克重 Chop Density (g/m ²)	涤纶丝克重 Yarn Density (g/m ²)
E-BX300	306.01	150.33	150.33	/	5.35
E-BX450	456.33	225.49	225.49	/	5.35
E-BX600	606.67	300.66	300.66	/	5.35
E-BX450/225	681.33	225.49	225.49	225	5.35
E-BX600/225	830.75	300.2	300.2	225	5.35



TRI-AXIAL FABRIC SERIES
E-TTX : +45°90°-45°
E-TLX : 0°+45°-45°

三轴向布系列

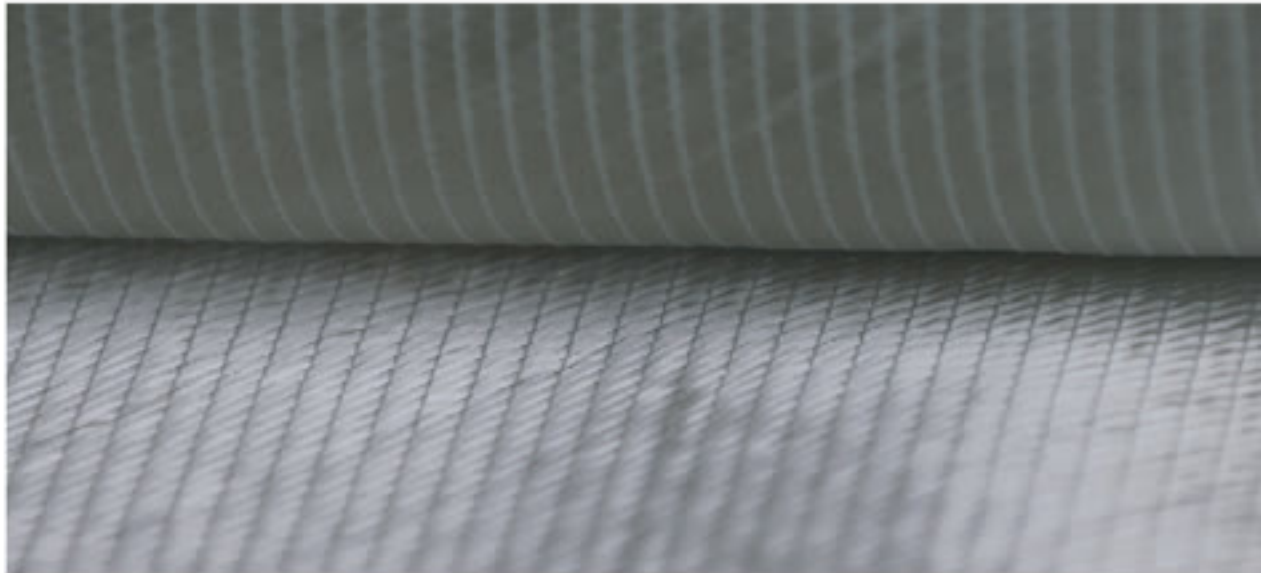
→ TRI-AXIAL FABRIC SERIES

The general direction of this product series are 0°/+45°/-45° and +45°/90°/-45°, also the directions can be randomly changed from ±30°to ±80°.
The fabric weight is 450g/m² ~ 2000g/m², and chop mat with 50 ~ 500g/m² or non-woven fabric can be stitched under the layers.
The maximum width is up to 101 inches.
The main usages are wind blades, boats, transportation and sport goods

三轴向产品分为 0°/+45°/-45°方向产品和+45°/90°/-45°方向产品。轴向可以调整±30°to ±80°。产品的克重范围在450g/m²-2000g/m²。短切层产品的克重范围在50g/m²-500g/m²。此产品主要用于风电，造船等。

→ PRODUCTION RANGE

产品编号 Production No	总克重 Overall Density (g/m ²)	0° Layer 0° Density (g/m ²)	+45° Layer +45°Density (g/m ²)	-45° Layer -45°Density (g/m ²)	90° Layer 90° Density (g/m ²)	涤纶丝克重 Yarn Density (g/m ²)
E-TLX750	742.67	236.22	250.55	250.55	/	5.35
E-TLX1180	1172.42	661.42	250.5	250.5	/	10
E-TLX1850	1856.86	944.88	450.99	450.99	/	10
E-TTX700	707.23	/	250.55	250.55	200.78	5.35
E-TTX800	813.01	/	400.88	400.88	5.9	5.35
E-TTX1200	1212.23	/	400.88	400.88	405.12	5.35



QUAD-AXIAL FABRIC SERIES

QX:0° +45°-45° 90°

四轴向织物系列

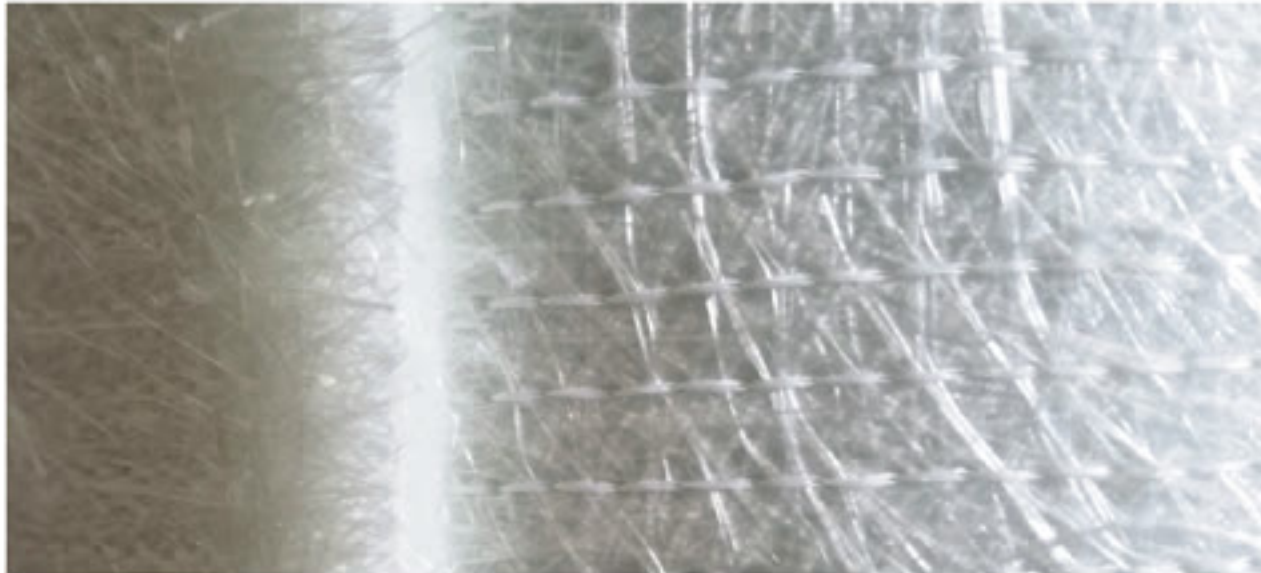
→ QUAD-AXIAL FABRIC SERIES

The general direction of this product series are 0°/+45°/-45°/90°.
The normal fabric weight is 300g/m²~2100g/m²,and chopped strand mat with 50~500g/m² or non-woven fabric can be stitched under the layer.
The maximum width is around 110 inches.
The main usages are wind turbine blades, boats、 transportation and sport goods

四轴向产品为0°/+45°/-45°/90°方向产品。产品的克重范围在300g/m²-2100g/m²。短切层产品的克重范围在50g/m²-500g/m²。此产品主要用于风电，造船等。

→ PRODUCTION RANGE

产品编号 Production No	总克重 Overall Density (g/m ²)	0° Layer 0° Density (g/m ²)	+45° Layer +45°Density (g/m ²)	-45° Layer -45°Density (g/m ²)	90° Layer 90° Density (g/m ²)	涤纶丝克重 Yarn Density (g/m ²)
EQX600	601.35	144.69	150.33	150.33	150	6
EQX800	814.43	202.56	200.44	200.44	200.79	10.2
EQX1000	979.97	236.22	250.59	250.59	236.22	6.35
EQX1200	1208.93	301.18	300.7	300.7	300	6.35



SANDWICH RTM PP CORE MAT

夹芯复合毡

→ SANDWICH RTM PP CORE MAT

Dongyu strives to develop and innovate this product range. Products system also has been updated and became stronger with development of new technology. Here our prime products is reinforced composite mat which combines 3 or 2 layers glass fiber with 1 or 2 layers of pp flow fiber. We also add 1 layer polyester surfacing mat on the sandwich core mat to form integrity glabrous mat. This new product is suitable for RTM, VARTM, light RTM, VARTM relevant technology. Applications: Autos, yachts&boats, railways, nacelle covers,etc.

夹芯复合毡由合成纤维制的无纺芯材，在其两侧缝合玻璃纤维表面材料而成，玻璃纤维表面材料可选用短切原丝、连续原丝毡、无捻粗纱布或双轴向缝编布。产品可适用于树脂传递模塑成型（RTM）真空袋成型，模压成型，注射成型及SRIM等成型工艺。

→ PRODUCTION RANGE

产品编号 Production No	总克重 Overall Density (g/m ²)	Mat Layer Density (g/m ²)	PP Layer Density (g/m ²)	Mat Layer Density (g/m ²)	涤纶丝克重 Yarn Density (g/m ²)
MNM300/180/300	796	300	180	300	16
MNM300/250/300	866	300	250	300	16
MNM450/180/450	1096	450	180	450	16
MNM450/250/450	1166	450	250	450	16
MNM600/250/600	1466	600	250	600	16



FIBERGLASS CHOPPED STRANDS
RANGE
SELECTOR GUIDE

东宇-玻纤维短切颗粒系列



FIBERGLASS
CHOPPED STRANDS

玻璃纤维短切

Chopped Strands for Thermoplastics
Chopped Strands for BMC

→ CHOPPED STANDS FOR THERMOPLASTICS

Chopped Strands for Thermoplastic are based on silane coupling agent and special sizing formulation, compatible with PA,PBT/PET, PP, AS/ABS, PC, PPS/PPO,POM, LCP;
E-Glass Chopped Strands for thermoplastic are know for excellent strand integrity, superior flowability and processing property, delivering excellent mechanical property and high surface quality to its finished product.

热塑性塑料用无碱玻璃纤维短切原丝采用硅烷基偶联剂、专用浸润剂配方，与PA、PBT/PET、PP、AS/ABS、PC、PPS/PPO、POM、LCP等基体树脂具有良好的相溶性，具有优良的集束性和流动性，良好的成型加工性能，可赋予复合材料优异的机械性能和表面状态。

→ PRODUCTION RANGE

产品编号 Production No	适用树脂 Resin Compatibility	产品特点 Product Features
560A	PA6/PA66/PA46	Standard product
508A	PP/PE	Standard product, good color
510	PC	Standard product, excellent mechanical properties, good color
508H	PP/PE	Excellent detergent resistance
568H	PA6/PA66/PA46/HTN/PPA	Excellent glycol resistance and high temperature resistance and fatigue resistance
534A	PBT/PET/ABS/AS	Standard product
584	PPS/LCP	Excellent hydrolysis resistance and low quantity of flue gas

→ CHOPPED STANDS FOR BMC

Chopped Strands for BMC are compatible with unsaturated polyester, epoxy resin and phenolic resins.
The end-use applications include transportation, building & construction, electronic & electrical, mechanical, and light industry.

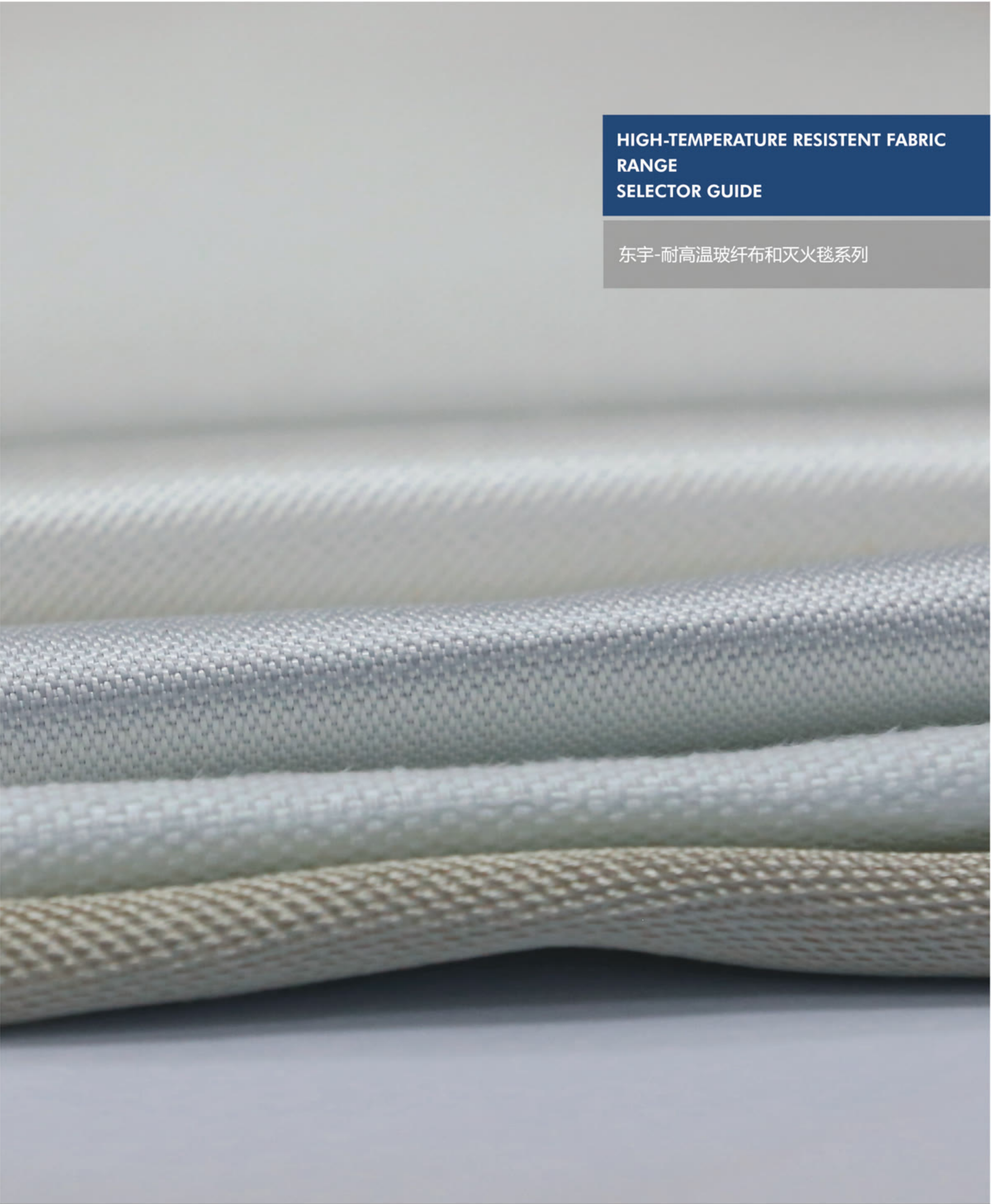
BMC用无碱玻璃纤维短切原丝适用于增强不饱和树脂、环氧树脂和酚醛树脂。BMC模压制品广泛应用于交通、建筑、电气、化工、轻工等多个行业。

→ PRODUCTION RANGE

产品编号 Production No	适用树脂 Resin Compatibility	产品特点 Product Features
562A	Unsaturated polyester, vinyl ester and epoxy resins	Extremely low resin demand, delivering low viscosity to BMC paste
552B	Unsaturated polyester, vinyl ester and epoxy resins	High impact strength; High LOI rate
558	Rubber and Phenolic resin	Good strand integrity, low static and fuzz, Fast and uniform distribution in resins

HIGH-TEMPERATURE RESISTENT FABRIC
RANGE
SELECTOR GUIDE

东宇-耐高温玻纤布和灭火毯系列





➔ Product Introduction

High silica fabrics with a silica content of $\geq 96\%$ are defined as high silica fabrics (HS Fabrics). Boasting a remarkable continuous operating temperature of 1000°C , they are widely used in various high-temperature industrial scenarios. Typical applications include welding curtains / protective blankets, annealing covering blankets for metal components, high-temperature resistant gaskets, expansion joint fabrics and high-temperature industrial kiln blankets. Compared with other high-temperature resistant materials under identical working conditions, they deliver prominent cost-performance advantages. Although high silica fabrics are normally supplied after pre-sintering, they still have a maximum shrinkage rate of approximately 10% under continuous service at 1000°C .

硅含量 $\geq 96\%$ 的无机纤维布定义为高硅氧布，其突出的 1000°C 连续工作温度使其在各种高温工业场景获得了广泛的应用，典型的如电焊挡布或防护毯，金属件退火盖毯，耐高温垫圈，膨胀节布，高温工业窑炉毯等等。在同样工况下与其它耐高温材料相比，其性价比优势显著。尽管高硅氧布一般经过预烧结后出售，但其在 1000°C 持续使用条件下仍会产生最高约 10% 的收缩率。

➔ PRODUCT PROPERTIES

Asbestos and ceramic wool free, no harmful dust, safe for human contact and eco-friendly.
Low thermal conductivity with excellent thermal insulation performance.
Stable electrical insulation, applicable to high-temperature electrical protection scenarios.
Resistant to acids, alkalis and various chemicals with strong chemical inertness.

不含石棉、陶瓷棉，无有害粉尘，人体接触安全环保
低导热系数，隔热保温性能优异
稳定电绝缘性能，适配高温电气防护场景
耐酸碱、耐各类化学品腐蚀，化学惰性强



➔ APPLICATION RANGE

Aerospace & Aviation: Thermal ablation protection materials for aircraft and vehicles
Power Equipment: Thermal insulation for hot sections of gas turbines, high-temperature exhaust wrapping for engines, heat-resistant insulation covers for heavy-duty units
Thermal Pipelines: Ultra-high temperature steam pipelines, pipeline expansion joints, heat exchangers, flexible thermal insulation for high-temperature flanges and steam valves
Metallurgical Furnaces: Splash protection against molten metal, inner thermal insulation for industrial high-temperature furnaces, molten metal filtration, high-temperature furnace curtains
Heavy Industry & Shipbuilding: Extreme high-temperature thermal insulation wrapping for ocean-going vessels and heavy construction machinery
Nuclear Power & Energy: Fire and thermal insulation wrapping for key equipment and critical cables in nuclear power plants, suitable for rigorous high-temperature and safety operating conditions

航空航天：飞行器热烧蚀防护材料。
动力设备：燃气轮机热端隔热、发动机高温排气包覆、重型机组耐高温保温罩
热力管道：超高温蒸汽管线、管道伸缩节、热交换器、高温法兰、蒸汽阀门柔性保温
冶金窑炉：熔融金属飞溅防护、工业高温炉内层隔热、金属熔体过滤、窑炉高温挡帘
重工造船：远洋船舶、重型工程机械极限高温隔热包覆。
核电能源：核电站关键设备、核心电缆防火隔热包覆，满足严苛高温与安全工况

➔ Specifications on High Silica Glass Fabrics

产品型号 Style	织法 Weave	克重 Weight: g/m ²	门幅 Width: cm	厚度 Thickness: mm	经密 Warp Density ends/cm	纬密 Fill Density ends/cm	径向拉伸强度 Tensile STRN in W Direction, N/In.	纬向拉伸强度 Tensile STRN in F Direction, N/In.	硅含量 Silica Content %	工作温度 Service Temperature °C
HS-300	Twill 1/3	300±30	92±1;120±1	0.3±0.05	18.5±2	12.5±1	>400	>250	≥96	1000
HS-600	Satin 8HS	610±30	92±1; 100±1; 130±1	0.7±0.05	18±2	13±1	>800	>600	≥96	1000
HS-880	Satin 12HS	880±40	92±1; 100±1	1.0±0.1	18.5±2	13±1	>1000	>750	≥96	1000
HS-1100	Satin 12HS	1100±50	92±1; 100±1; 130±1	1.25±0.1	18.5±1	13±1	>1200	>1000	≥96	1000
HS-1200	Satin 12HS	1220±50	92±1	1.35±0.1	18.5±1	13±1	>1250	>1000	≥96	1000
HS-1300	Satin 12HS	1350±50	100±1	1.5±0.1	18.5±1	13±1	>1400	>1200	≥96	1000
如有需求，不同门幅及布面处理可定制。Upon request custom-made styles in terms of width & surface treatment are available.										



MEDIUM SILICA FABRIC
中硅氧布

➔ Product Introduction

Medium silica fabrics with a silica content of 70% ± 5% are defined as medium-silica fabrics (MS Fabrics). Featuring a continuous operating temperature of 800°C, relatively high residual strength in warp and weft directions, and excellent post-processability after heat setting treatment, they can be manufactured into various thermal insulation components. Typical applications include high-temperature resistant insulation jackets and expansion joints. They enjoy a wide range of applications in suitable high-temperature industrial environments.

硅含量在 70%±5% 的无机纤维布定义为中硅氧布，其 800℃ 的连续工作温度加上其比较高的残留经纬向强度，和经定纹处理后良好的后加工性使其可以被加工成各种保温器件，典型的如耐高温保温夹套，膨胀节，等等，在适得其所的各种高温工业场合有着各种应用。

➔ PRODUCT PROPERTIES

Asbestos and ceramic wool free, no harmful dust, safe to human contact and eco-friendly.
Low thermal conductivity with excellent thermal insulation.
Stable electrical insulation, applicable to high-temperature electrical protection scenarios.
Higher tensile strength and abrasion resistance than high silica glass fiber fabric.

不含石棉、陶瓷棉，无有害粉尘，人体接触安全环保
低导热系数，隔热保温性能优异
稳定电绝缘性能，适配高温电气防护场景
相对于高硅氧玻纤布,有较高的抗拉强度和耐磨性



➔ APPLICATION RANGE

Aerospace & Aviation: Cabin fire insulation, medium-temperature protection for airborne equipment
Power Equipment: Engine exhaust wrapping, muffler insulation covers, peripheral thermal insulation for medium-low temperature turbines
Thermal Pipelines: Medium & high temperature steam pipelines, pipeline expansion joints, outer thermal insulation for flanges and valves
Metallurgical Furnaces: Outer thermal protection for industrial furnaces, heat-resistant wrapping for casting peripherals
Heavy Industry & Shipbuilding: Thermal insulation wrapping for engine room pipelines of vessels and high-temperature pipelines of heavy machinery
Fire Safety & Security: Fireproof wrapping, fire suppression protection materials, fire protection for large-scale engineering projects
General Industry: Welding protection materials, flexible fireproof wrapping for high-temperature equipment, welding fire barriers

航空航天：机舱防火隔热、机载设备中温防护
动力设备：发动机排气包覆、消音器保温罩、中低温涡轮外围隔热
热力管道：中高温蒸汽管线、管道伸缩节、法兰、阀门外层保温
冶金窑炉：窑炉外层隔热防护、铸造外围防热包覆
重工造船：船舶机舱管路、重型机械高温管线隔热包覆
消防安防：消防防火包覆、灭火防护材料、大型工程项目防火防护
通用工业：电焊防护材料、高温设备柔性防火包裹、焊接防火屏障

➔ Specifications on Medium Silica Glass Fabrics

产品型号 Style	织法 Weave	克重 Weight: g/m ²	门幅 Width: cm	厚度 Thickness: mm	经密 Warp Density ends/cm	纬密 Fill Density ends/cm	径向拉伸强度 Tensile STRN in W Direction , N/In.	纬向拉伸强度 Tensile STRN in F Direction, N/In.	硅含量 Silica Content %	工作温度 Service Temperature ℃
MS-400	Twill 3/1	400±30	152±1	0.4±0.1	18±2	13±2	>800	>500	70%±5%	800
MS-600	satin 8HS	650±30	92±1	0.75±0.05	18±2	13±2	>1200	>1000	70%±5%	800
MS-1100	satin 12HS	1150±50	92±1	1.30±0.1	18±2	13±2	>1500	>1200	70%±5%	800
MS-1200	Satin 12HS	1250±50	152±1	1.35±0.1	18±2	13±2	>1800	>1500	70%±5%	800
如有需求，不同门幅及布面处理可定制。Upon request custom-made styles in terms of width & surface treatment are available.										



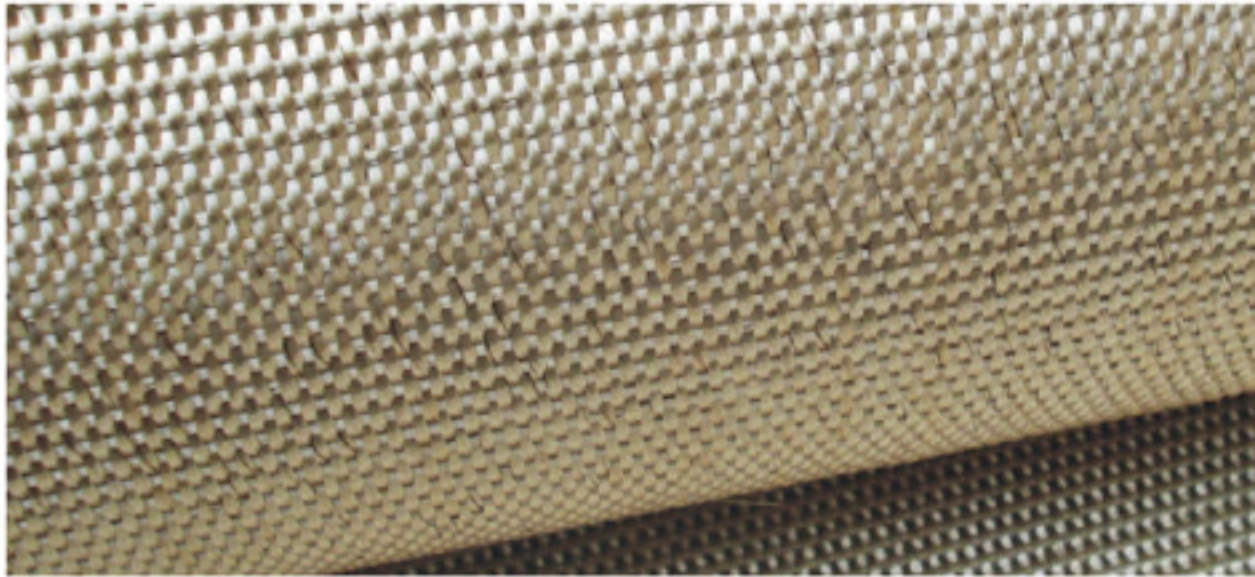
→ COATED FABRIC.

Dongyu® offers over 20 standard coatings, treatments, and laminates that can be applied to most of our high temperature fabrics to meet the performance requirements of your application. Select from coatings and laminates to boost resistance to vapor, weathering, oil, water, chemical attack, abrasion wear, flexural fatigue and UV radiation, or from treatments that improve handling and ease of fabrication. We can also combine coatings or apply advanced engineering and manufacturing to develop a custom solution for your application.

涂层加工主要有：PTFE，硅胶涂层，PVC涂层，PVA涂层，PU涂层，PA丙烯酸涂层。玻璃纤维涂层布具有防水、阻燃防火、防霉、防腐蚀；耐老化；防紫外线；易清洗；耐高温、保温性好等特点，广泛的应用于各种工业领域。

→ PRODUCTION RANGE

产品编号 Production No	克重 Density (g/m ²)	涂层面 Coating Side	耐热温度 heat-resistance temperature	涂层材质 Coating Materials
DYGF-S	260 - 1800	Double side or Single Side	250°	Silicone coated
DYGF-PU	220 - 1070	Double side or Single Side	180°	Polyurethane (PU) coated
DYGF-NE	500-900	Double side or Single Side	180°	Neoprene coated
DYGF-PTFE	200-800	Double side or Single Side	300°	PTFE coated



STEELWIRE FIBERGLASS FABRIC
不锈钢丝和玻璃纤维混纺布

WSF : General Purpose. 常规型
WSF-B : Burn-Out. 脱蜡型

→ STEELWIRE FIBERGLASS FABRIC

Steel Wire-Fiberglass Blended Fabric is manufactured by stainless steel wire and fiberglass yarn. It can Increase Strength when Encounter the high temperature. Widely used in steel, power, metallurgy, chemical industry, environmental protection, cement and other industries, widely used in the exhaust, ventilation, ventilation and dust, exhaust system to handle the role of pipeline compensation. Etc.

钢丝增强型玻璃纤维布（玻璃纤维钢丝布）的每根纱都有一根不锈钢丝加捻在一起，以提高玻纤布在高温时强度。广泛应用于钢铁、电力、冶金、化工、环保、水泥等行业中，广泛用在排气、换气、通风、烟尘、废气处理等系统的管道补偿作用上。由于钢丝的优良热传导性能，钢丝布能耐瞬时高温，还可作制动摩擦材料等。

→ PRODUCTION RANGE

产品编号 Production No	密度 Density (g/m ²)	卷长 Roll Length	耐热温度 Heat-resistance temperature	幅宽 Width	颜色 Color
WSF900	900	50m / 100m	550°C	1000mm / 1250mm	Normal is white. Burn-Out become yellow. 常规是白色，脱蜡以后变黄
WSFB900	895	50m / 100m			
WSF1500	1500	50m			
WSFB1500	1492	50m			
WSF1800	1800	50m			
WSFB1800	1790	50m			



→ FIRE BLANKET.

A protective life-saving fire blanket shroud made of light but strong flame and heat-resistant material for a quick grab-and-wrap around use in case of fire emergencies, firefighting and rescue work operations. A fire blanket is a handy and dependable fire protection outfit for homes, business establishments and barangay centers that is supplementary or complementary to the standard fire extinguishers. Fire blankets should always be placed near an exit so they can be easily reached in an emergency. Do not place then near to cookers or in distances far away from exits for safety reasons. If you do throw a fire blanket onto the flames and they spread for one reason or another at least you know that the exit is near to you should you need to evacuate the premises urgently.

灭火毯（FIRE BLANKET）是配备于企业、商店、船舶、汽车、民用建筑物上的一种简便的消防初始灭火工具，特别适用于家庭厨房、宾馆、娱乐场所、加油站等一些容易着火场合，防止火势蔓延及保护逃生用。由于灭火毯是一种质地非常柔软的消防器具，在遇到火灾初始阶段时，能以最快速度隔氧灭火，控制灾情蔓延，还可以作为及时逃生用的防护物体，只要将毯子裹于全身，由于毯子本身防火、隔热的特性，在逃生过程中，人的身体能够得到很好的保护。

→ PRODUCTION RANGE

产品编号 Production No	玻璃纤维密度 Fiber Density (g/m ²)	尺寸 Size	耐热温度 Heat-resistance temperature	包装 Packing	颜色 Color
W37B-1.0N1.0	430	1m x 1m	550°C	PVC Soft bag. PVC Hard box. PVC Cylinder.	White
W37B-1.2N1.2	430	1.2m x 1.2m			
W37B-1.5N1.5	430	1.5m x 1.5m			
W37B-1.2N1.5	430	1.2m x 1.5m			
W37B-1.0N1.8	430	1.0m x 1.8m			
W37B-1.2N1.8	430	1.2m x 1.8m			

FRP
RANGE
SELECTOR GUIDE

东宇-玻璃钢



Dongyufiberglass.com



FRP HAND LAY UP
玻璃钢手糊制品

→ FRP HAND LAY UP

Hand lay-up is the most common and least expensive open-molding method because it requires the least amount of equipment. Fiber reinforcements are placed by hand in a mold and resin is applied with a brush or roller. This process is used to make both large and small items, including boats, storage tanks, tubs and showers.

手糊成型工艺又称接触成型工艺。是手工作业把玻璃纤维织物和树脂交替铺在模具上，然后固化成型为玻璃钢制品的工艺。不受产品尺寸和形状限制，适宜尺寸大、批量小、形状复杂的产品生产。



FRP FLANGE.
玻璃钢法兰

→ FRP FLANGE.

FRP Flange has following advantages: high mechanical strength, strong chemical resistance, excellent fire resistance, low thermal conductivity, small expansion coefficient, good temperature resistance, light weight, excellent anti-aging properties, long service life, easy installation, unique high deformability. which is widely used in food, chemical, power, pharmaceutical, pesticide, dyestuff, iron and steel, smelting, water treatment, tap water, mariculture, desulfurization environment protection etc.

玻璃钢法兰机械强度高、耐化学腐蚀性能强、防火阻燃性优、热导率低、膨胀系数小、耐温性能好、质量轻、优异的抗老化性能、使用寿命长、安装方便、独特的可设计性，大多用于工作压力不大于3Mpa的中、低压容器和管道，广泛应用于食品、化工、电力、制药、农药、染料、钢铁、冶炼、水处理、自来水、海水养殖、脱硫环保等领域。



FRP ROOFING SHEETS.
玻璃钢采光板

→ FRP ROOFING SHEETS.

FRP Roofing Sheet is a kind of natural lighting product which is shaped through automated machine. It is composed of non-soda fiberglass, reinforced polyester resin, high-performance and anti-ageing film(or gel) and additives. Dongyu FRP sheet is highly appraised by all customers because of its special properties: bright and clean appearance, light weight and high performance, high light transmittance, anti-corrosion, fireproofing, accurate cross-section size, no water seepage, optional length, easy installation and long service life (as long as 15-30 years). It can provide natural lighting for a large variety of building, such as animal barns, greenhouses, industrial workshops, residential buildings or be used as wall lighting, cover plate and base plate of solar water heater and any places which need long-term natural lighting.

FRP采光板是用无碱玻璃纤维，强化聚酯树脂和进口高性能防老化薄膜（或凝胶）及添加剂等材料，经机械连续成型的一种采光产品，采光板由其具有外观光洁、轻质高强、透光率高、耐腐蚀、耐老化、阻燃、断面尺寸准确、不渗水、切割长度任意、易安装、使用寿命长达10-30年等特点，深受用户喜爱。该产品可广泛应用于动、植物温室采光、工业厂房及民用建筑屋面，墙面采光，太阳能热水器的盖板及底板等有采光以及长期使用要求的场所。