

One Stop For All Your Formulation Needs

JRS performance material is a manufacturer and distributor of glassfiber related materials for a wide range of end-use applications. JRS's products include glassfiber tissue, Mesh cloth, Non-woven fabric, silicone fluids, LSR/HCR silicone rubber and other building related products. JRS has the necessary technical expertise to develop and prepare custom materials and solutions to add premier value to our customers.



Competitive Pricing

We provide incredible pricing of a wide selection of materials to meet your needs.



Custom Preparation

In addition to off-the-shelf products, we custom prepare products at varied scales



Strong Technical Expertise

We have more than 25 years of experience in silanes and other silicones.



Wide Product Selections

Looking for materials for adhesives, plastics, inks, rubber, coatings... We've got you covered.

JRS (HangZhou) Performance Material Co, Ltd.

Add: Room 312, 3rd Floor, No. 268 Dagan Road,
Gongshu District, Hangzhou ZHEJIANG PROVINCE, China
<https://www.jrsmaterial.com/>
E-mail: liuqiang@jrsmaterial.com
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◉Description

Fiberglass roofing tissue is mainly used as excellent substrates for SBS, APP, PVC waterproofing membrane and colorful asphalt shingle. It has good longitudinal tensile strength and transversal tear strength. The waterproof membrane which use fiberglass roofing tissue has excellent performance of weather resistance and anti-leakage, and can extend the service life. It is an ideal substrate for waterproof materials.



◉Characteristic

Fiber Uniformly Dispersed, Smooth Surface;
High Tear Strength;
Dimensional Stability, Asphalt Impregnated Fast
Strong Anti fragile, Anti aging, Weather Resistance;
Excellent Anti-leakage

◉Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	CD Tensile Strength (N/50mm)	Moisture Content (%)
VIIIIM50	50	≤25	≥170	≥80	≤1.0
WM60	60	≤25	≥180	≥100	≤1.0
VIIIIM90	90	≤25	≥350	≥200	≤1.0
WM45-T15	45	≤25	≥100	≥75	≤1.0
WM50-T15	50	≤25	≥220	≥80	≤1.0
WM60-T15	60	≤25	≥240	≥120	≤1.0
WM90-T15	90	≤25	≥400	≥200	≤1.0
Testing Basis	ISO 3374	ISO 1887	ISO 3342		ISO3344

Paper core diameter: 152/305mm

Remark:

1. Any special products can also supply according to customers' request
2. The technical data above is for reference only

◉Packaging

1. Roll packaging: PE plastic film
2. Pallet packaging: Pallets should NOT be stacked in more than 2 layers.

◉Storage

This product should be stored in a dry, ventilated and rainproof place, with temperatures from 5°C to 35°C and humidity between 35% and 65%. It is recommended to be kept in intact package when not used to avoid damp

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◉Description

Fiberglass surface tissue is mainly used for inner and outer surface treatment of FRP products, to make the surface smooth and even. It is suitable for saturated polyester resin, epoxy resin and phenolic resin. According to the applying process, it can be divided into winding BM (W) series, hand lay-up BM (H) series and pultrusion BM (P) series.



◉Characteristic

- ◉Fiber Uniformly Dispersed
- ◉Smooth Surface
- ◉Fast Wet-Out
- ◉Excellent Molding Property

◉Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	Moisture Content (%)	Penetration Time (s)
BM30-H	30	≤10	>25	≤0.5	≤10(二层)
BM50-H	50	≤10	≥40	≤0.5	≤15(二层)
BM30-W	30	≤10	≥30	≤0.5	≤10(二层)
BM50-W	50	≤10	≥50	≤0.5	≤15(二层)
BM100-W	100	≤10	≥180	≤0.5	≤15(二层)
BM60-P	60	≤20	≥100	≤0.5	—
BM90-P	90	≤15	≥120	≤0.5	—
Testing Basis	ISO 3374	ISO 1887	ISO 3342		EN 14118

Paper core diameter: 76mm/152mm

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◉Packaging

1. Coil packaging: Each volume is independently packaged with PE film.
2. Pallet packaging: according to the product wide design.

◉Storage

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○Description

Fiberglass coated tissue is used for the surface substrate of the outer wall insulation board. It is an ideal surface material for the rock wool insulation material and hard foam polyurethane composite board, and also ideal green material for buildings.



○Characteristic

- Fiber Uniformly Dispersed
- High Tear Strength, Good Flexibility
- Easy to coat
- Strong bonding capacity with polyurethane, High Drawing Coefficient

○Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	CD Tensile Strength (N/50mm)	Moisture Content (%)
TC50-T15	50	≤25	≥220	≥80	≤1.0
Testing Basis	ISO 3374	ISO 1887	ISO 3342		ISO 3344

Paper corediameter: 152mm

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○Packaging

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2. Pallet packaging: according to the product wide design.

○Storage

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○Description

Fiberglass pipe wrapping tissue is used for pipeline coating corrosion protection after combining with asphalt, coal tar, etc. with excellent impermeability and resistance to harsh environment. Fiberglass pipe wrapping tissue is widely used in oil, natural gas and other underground transportation pipeline coating for anti-corrosion.



○Characteristic

- Fiber Uniformly Dispersed
- High Tear Strength, Good Flexibility
- Easy to Soak up Asphalt, Coal Tar Enamel Paint
- Good Anti-leakage Performance, Strong Resistance to Environmental Media

○Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	CD Tensile Strength (N/50mm)	Moisture Content (%)
GD50-T15	50	≤20	≥220	≥70	≤1.0
Testing Basis	ISO 3374	ISO 1887	ISO 3342		ISO3344

Paper core diameter: 152/305mm

Remark:

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○Packaging

1. Roll packaging: PE plastic film
2. Pallet packaging: Pallets should NOT be stacked in more than 2 layers.

○Storage

This product should be stored in a dry, ventilated and rainproof place, with temperatures from 5°C to 35°C and humidity between 35% and 65%. It is recommended to be kept in intact package when not used to avoid damp.

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○Description

Fiberglass flooring tissue products are the substrate material of plastic floor and decorative wallpaper. The floor and wallpaper made by this product have the property of good stability, smooth appearance, bright color and convenient laying. It is widely used for decoration materials for hospitals, schools, libraries and other public entertainment places, also hotels, shopping centers, conference halls, offices and residential buildings and other high-grade ground and wall.



○Characteristic

- Fiber Uniformly Dispersed
- Smooth Surface , Less Wool Yarn
- Easy to Coating PVC
- Stiff, Folding Resistance, not Easy to Deformation, Good Dimensional Stability

○Technical Data

Product Code	Unit Weight(g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	CD Tensile Strength (N/50mm)	Thickness (mm)	Moisture Content (%)
DB25	25	≤25	≥80	≥50	0.2	≤1.0
DB35	35	≤30	≥150	≥70	0.3	≤1.0
DB40	40	≤30	≥180	≥80	0.35	≤1.0
DB45	45	≤30	≥200	≥90	0.35	≤1.0
DB50	50	≤30	≥250	≥100	0.4	≤1.0
Testing Basis	ISO 3374	ISO 1887	ISO 3342		ISO 4603	ISO3344

Paper core diameter : 152mm/305mm

Remark:

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2. The technical data above is for reference only

○Packaging

1. Coil packaging: Each volume is independently packaged with PE film.
2. Pallet packaging: according to the product wide design.

○Storage

This product should be stored in a dry, ventilated and rainproof place, with temperatures from 5°C to 35°C and humidity between 35% and 65%. It is recommended to be kept in intact package when not used to avoid damp.

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○Description

Fiberglass carpet tissue is mainly used as substrate for carpets which are of smooth appearance, non-shrinkage, non-deformation characteristics and an ideal decorating material for residents.



○Characteristic

- Smooth Surface , Less Wool Yarn
- High Temperature Without Deformation, Non-warping Non-rotten
- Easy to Compound with PVC etc.

○Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	CD Tensile Strength (N/50mm)	Wet Tensile Retention MD (%)	Moisture Content (%)
DT40	40	≤25	≥120	≥80	≥60	≤1.0
DT50	50	≤25	≥150	≥100	≥60	≤1.0
Testing Basis	ISO 3374	ISO 1887	ISO 3342		@25°C/10min	ISO3344

Paper corediameter: 152mm

Remark:

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○Packaging

1. Coil packaging: Each volume is independently packaged with PE film.
2. Pallet packaging: according to the product wide design.

○Storage

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Description

Fiberglass facing tissue is used for new decorative substrate for mineral products , cotton , board and glass curtain wall. Widely used for public entertainment, star hotels, shopping malls, conference hall, offices, residential,etc. Facing tissue coated with paint has the characteristic of fire resistance, water proof, anti-mildew, germ-proof and anti-cracking. It is a good substrate for building decorative materials.



Characteristic

- ⊙ Fiber Uniformly Dispersed
- ⊙ Smooth Surface , Less Wool Yarn
- ⊙ Easy to Coating a Variety of Paints
- ⊙ The Gypsum Board Made of Facing Tissue Has The Advantage of Sound-proof, Flame Retardant, Anti-septic, etc

Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	CD Tensile Strength (N/50mm)	Wet Tensile Retention MD (%)	Moisture Content (%)
TM40	40	≤ 25	≥ 130	≥ 55	≥ 60	≤ 1.0
TM50	50	≤ 25	≥ 150	≥ 70	≥ 60	≤ 1.0
TM100	100	≤ 25	≥ 450	≥ 250	≥ 60	≤ 1.0
Testing Basis	ISO 3374	ISO 1887	ISO 3342		@25°C/10min	ISO3344

Paper core diameter : 152mm/305mm

Remark:

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Packaging

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2. Pallet packaging: according to the product wide design.

Storage

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○Description

Fiberglass Battery Separator Tissue is a material with the property of good fiber dispersion, uniform thickness, potassium permanganate reducing content, low content of Cr, Fe³⁺ and other trace elements and acid penetrating fast. The battery made of fiberglass tissue has high starting current, excellent anti - vibration performance, slow battery power attenuation and long service life.



○Characteristic

- Smooth Surface, Uniform Thickness
- Good Acid Liquor Absorption Ability, Good Acid Resistance, Moderate Stiffness
- Low Potassium Permanganate Content, Low Trace Element Content

○Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	Potassium Permanganate Content (ml/g)	Thickness (mm)	Moisture Content (%)
GB0.3	30	≤20	≥70	≥251	0.30+0.03	≤1.0
GB0.5	55	≤20	≥110	≥301	0.50+0.04	≤1.0
GB0.7	80	≤20	≥130	≥311	0.70+0.04	≤1.0
GB0.8	105	≤20	≥180	≥331	0.80+0.05	≤1.0
Testing Basis	ISO 3374	ISO 1887	ISO 3342	JB/T7630.1-2008 6.14	ISO4603	ISO3344

Paper corediameter: 76mm/152mm

Remark:

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2. The technical date above is for reference only

○Packaging

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2. Pallet packaging: according to the product wide design.

○Storage

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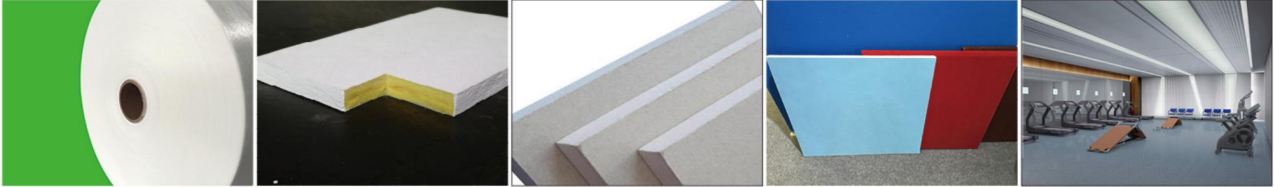
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○Description

Fiberglass acoustic tissue is used for buildings and decorative acoustic board. After coated with calcium powder, it is used as the surface layer of thermal insulation material such as PU and rock wool board, produce acoustic plate. it has the advantages of fire resistance, water proof, anti-mildew and etc. Also it has the characteristics of smooth surface, uniform fiber dispersion, good weather resistance and long working life. it is an ideal acoustic decorating material for residents and public area.



○Characteristic

- Fiber Uniformly Dispersed, Smooth Surface.
- Excellent Combination Performance with Paint
- Water and Weather Resistance, Long Working life

○Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	CD Tensile Strength (N/50mm)	MD Tensile Strength and Water Boiling (N/50mm)	Moisture Content (%)
GY70	70	20	≥280	≥160	0.30+0.03	≤1.0
Testing Basis	ISO 3374	ISO 1887	ISO 3342		@80°C/10min	ISO3344

Paper corediameter: 152mm/305mm

Remark:

1. Any special products can also supply according to customers' request
2. The technical data above is for reference only

○Packaging

1. Coil packaging: Each volume is independently packaged with PE film.
2. Bulk: single layer discharge.

○Storage

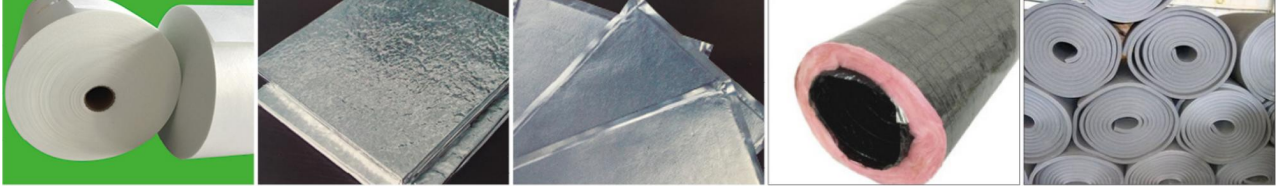
This product should be stored in a dry, ventilated and rainproof place, with temperatures from 5°C to 35°C and humidity between 35% and 65%. It is recommended to be kept in intact package when not used to avoid damp.

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Description

Fiberglass thermal insulation tissue is made of E-chopped fiber glass with wet laid process and cured at high temperature after impregnated by environmental friendly binder. It has good effect of thermal insulation with the characteristics of fiber uniformly dispersed, uniform thickness, low organic content, thermostability and low thermal conductivity. This product has no corrosion effect to steel pipe due to the ultra low acid- content. Well coated with the pipe, this product is applied to the thermal insulation treatment of small diameter pipe, it is a new material for high temperature and high pressure thermal insulation product.



Characteristic

- Fiber Uniformly Dispersed,
- Smooth Surface, Uniform Thickness
- Soft, Easy to Wind
- Low Thermal Conductivity
- Thermostability, Less VOC

Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	CD Tensile Strength (N/50mm)	Thickness (mm)	Moisture Content (%)
BW200	200	8.0	≥280	≥140	2.0	≤1.0
BW300	300	8.0	≥350	≥200	3.0	≤1.0
BW400	400	8.0	≥420	≥250	4.0	≤1.0
Testing Basis	ISO 3374	ISO 1887	ISO 3342		ISO4603@0.5KPa	ISO3344

Paper corediameter: 76mm/152mm

Remark:

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Packaging

1. Coil packaging: Each volume is independently packaged with PE film.
2. Pallet packaging: according to the product wide design.

Storage

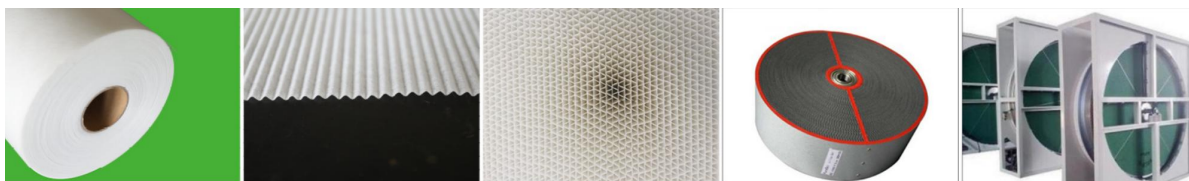
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○Description

Fiberglass filter tissue is mainly used for the treatment and adsorption of natural gas, coal, oil and other combustion waste gas, as well as the filtration and adsorption of organic waste gas and air purification equipment. With the property of high strength, good temperature resistance and easy absorption. It is produced by wet forming technology, with good processing and forming performance, high wetting strength, not easy to break, and high production, processing efficiency, good hydrophilicity, even dipping and other advantages.



○Characteristic

- Good Forming Performance
- Fast Wet-Out and Even Dipping
- Good Wet Strength, No Fracture During Processing

○Technical Data

Product Code	Unit Weight (g/m ²)	LOI (%)	MD Tensile Strength (N/50mm)	Moisture Content (%)	Thickness (mm)
GL25	25	10.0	≥80	≤1.0	0.25
GL30	30	10	≥120	≤1.0	0.3
GL40	40	10.0	≥180	≤1.0	0.3
GL90	90	10	≥355	≤1.0	0.7
Testing Basis	ISO 3374	ISO 1887	ISO 3342	ISO 3344	ISO4603

Paper core diameter: 76mm/152mm

Remark:

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○Packaging

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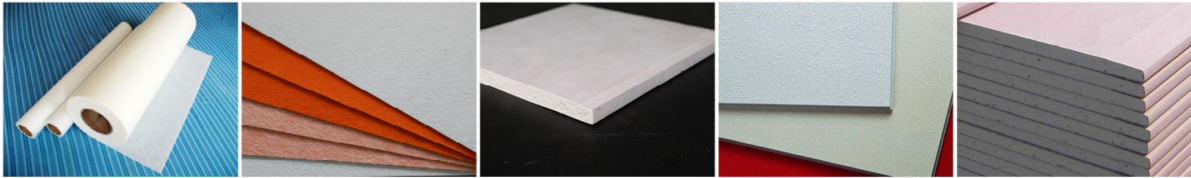
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○Description

Fiberglass coated facing tissue is developed by our company, specially for house decoration market. After coated with calcium powder, it is used for gypsum board, thermal insulation board, internal and external wall decoration, etc. The gypsum board and thermal insulation board coated with this tissue has the advantages of fire resistance, water proof, high strength, anti-UV, anti-septic, anti-wrinkle. The gypsum board and insulation board together with building wall can form a new energy-saving and environmental protection wall. They can be used in internal and external walls, elevator shaft, fire passages and other public places and residential places.



○Characteristic

- Fiber Uniformly Dispersed, Smooth Surface
- High Strength and Bending Resistance after Combined with Gypsum Board
- Fire Resistance, Water Proof, Anti-UV Anti-Septic, Anti-Wrinkle

○Technical Data

Product Code	Unit Weight (g/m ²)	MD Tensile Strength (N/50mm)	CD Tensile Strength (N/50mm)	Thickness (mm)	Moisture Content (%)
TMC200	200	≥350	≥250	0.2	≤1.0
TMC330	330	≥400	≥300	0.3	≤1.0
TMC350	350	≥410	≥310	0.35	≤1.0
TMC390	390	≥450	≥330	0.35	≤1.0
TMC430	430	≥500	≥350	0.4	≤1.0
Testing Basis	ISO 3374	ISO 3342		ISO4603 @0.5KPa	ISO3344

Paper corediameter: 152mm/305mm

Remark:

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○Packaging

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2. Pallet packaging: Pallets should NOT be stacked in more than 2 layers.

○Storage

This product should be stored in a dry, ventilated and rainproof place, with temperatures from 5°C to 35°C and humidity between 35% and 65%. It is recommended to be kept in intact package when not used to avoid damp.

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