

OUTDOOR SHADE & COVERING MATERIAL PROVIDER



CONTENTS





WEED MAT



TENT FABRIC



TRUCK COVER



WATER TANK



GEOMEMBRANE



PITCH COVER







GREENHOUSE FILM



SHADE SAIL



TENSILE STRUCTURE



PP WOVEN BAG



GEOTEXTILE





V	PE TARPAULIN
	TRUCK COVER
	AWNING & CANOPY
	MEMBRANE STRUCTURE
	PARTY TENT
	WATER TANK

Poly Tarpaulin

QINGDAO TAIMEI PRODUCTS CO., LTD www.taimeichina.com www.plastuf.com

POLY TARPAULIN





PE Tatpaulin Can Used for Pool Cover, Scaffolding Sheet, Pallet Cover, Camou Tent, etc.

GENERAL COVER

WATERPROOF MATERIAL

WEIGHT

50-60GSM

60-70GSM

80GSM

90GSM

100GSM

110-140GSM

140-150GSM

160-200GSM

240-300GSM



PE Tarpaulin

DENIER

700-750D

700-750D

800-850D

850-900D

950-1000D

1100-1500D

1000D

1000D

VARIOUS

COLORS

AVAILABLE

UPON

REQUEST

600D

PE Tarps are perfect to protect exposed objects / areas in need of cover & protection. Strong, flexible, water resistant and waterproof, it made from the highest material available.

MESH / SQ.INCH

6X6

7X6

7X7

8X8

10X8

10X10

12X12

12X14

16X16

PROTECTION



Swimming Pool Cover 80gsm - 140gsm



General Cover 40gsm - 400gsm



Scaffolding Sheet 85gsm - 200gsm



Camouflage Tarpaulin 70gsm - 160gsm

Visit our website

PE Insulated Tarpaulin

80gsm - 300gsm

For further information, please contact:info@taimeichina.com

· Waterproof

· Durable



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· Resistant up to -20℃

·UV or FR Protected

· Eyelets every meter

·Tear-Resistant Material



✓	PE TARPAULIN
	TRUCK COVER
	AWNING & CANOPY
\Box	MEMBRANE STRUCTURE
\Box	PARTY TENT
	WATER TANK

Pitch Cover

TVLO KONEUL

Centrum TY

ten.

DGY

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PLAYGROUND COVER



Cricket Flat Sheet Rain Cover

Tarpaulin for Pitch Covers

Cricket pitch covers are manufactured from the highest quality lightweight woven polyethylene with a high tear strength; ideal for covering turf cricket wickets.

The cover fabric is extremely strong, translucent and breathable, which importantly allows light and air to pass through, protecting it

from the rain whilst allowing vapour to escape ensuring the grass plant continues to grow underneath.



·Can be manufactured to any size

ame

- · Lightweight = safer to use and handle = less labour required for handling = lower operational costs
- ·Translucent healthier plant when covered cover can stay on for long periods
- ·Breathable good air circulation & reduces 'sweating'
- ·Strength guarantees on handles eyelets & seams reduced chance of tearing/ripping

For further information, please contact:info@taimeichina.com







✓ AGRICULTURE NET
SUN SHADE SAIL
SCREEN FENCE
GREENHOUSE FILM



Plastic Netting

QINGDAO TAIMEI PRODUCTS CO., LTD www.taimeichina.com www.goldenthread.com

AGRICULTURE NETTING



Agriculture Shade Cloth





Crop Protection Netting



Bird Net & Pest Control Insect Net



Crop protection netting is designed to keep out even the most determined of pests.



These crop protection fabrics can be used in a range of commercial applications including greenhouses, hot houses, shade houses, crop tops and aquaculture cultivation.

Various kind of meshes to optimise the different harvesting methods of crops and orchards.



CUSTOM

*Available in different weights, several mesh sizes



For further information, please contact:info@taimeichina.com

Taimei



AGRICULTURE NET
SUN SHADE SAIL
SCREEN FENCE
GREENHOUSE FILM



Plastic Netting

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SUN SHADE SAIL





Sun Shade Sail

Sun Shade Sail is made of polyethylene (HDPE) material by adding UV stabilizers and anti-oxidants. Lightweight and foldable design making you outdoor living spaces more comfortable.

	Sun Shade Sail
Material	100% new material (HDPE)
Weight	160gsm~360gsm
Shape	Triangle, Square, Rectangle
Color	According to Customer's Request

• Includes the tension mounted steel D-rings which are double stitched into the corners

- Each corner of the shade sail has metal hooks and it takes minutes to set
- · Effective harmful UV blocking
- The fabric enables cool air to penetrate the shade sail, offering an airy, comfortable, and well-ventilated space.

Color Range



For further information, please contact:info@taimeichina.com



Triangle Shape



*We can customize any size or order. Please call for special customization options







AGRICULTURE NET
SUN SHADE SAIL
✓ SCREEN FENCE
GREENHOUSE FILM

Plastic Netting

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SCREEN FENCE









Screen Fence

Privacy screen fence netting is made from high density polyethylene (HDPE) with UV inhibitors for maximum life expectancy.

- · 3-year warranty
- ·Weather Resistant and breathable
- Many fabrics and colors to choose from

90% Green 90% Brown	90% Tan 90% Black
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Balcony Net

Material	100% new material (HDPE)
Weight	180gsm or by requirements
Size	0.9m*5m or by requirements
Туре	Warp knitted

- · Includes quality soft white rope for attaching net.
- ·HDPE polyethylene mesh lets the breeze flow through so you stay cool
- ·Keep your outdoor life more private

Printed Fence Screen

More color matching According to your request color collocation



Yout logo or graphic printed in full color w^{ebsite} imeichina.com

For further information, please contact:info@taimeichina.com





]]	PE TARPAULIN
 ' 	FRUCK COVER
	AWNING & CANOPY
	MEMBRANE STRUCTURE
]]	PARTY TENT
	WATER TANK

PVC Tarpaulin

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TRUCK COVER & SIDE CURTAIN



- ·Hot-melt Coating technology(Semi-coating).
- · Good peeling strength for welding.
- ·Outstanding tearing strength.
- · Flame retardant character.(optional)
- · Anti ultraviolet treatment(UV).(optional)
- · Acrylic treatment (optional).





Canvas Tarpaulin for Truck Cover



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			Tru	ck Cover M	aterial				
DATA S	HEET								
Coating	Material	PVC	PVC	PVC	PVC	PVC	PVC	PVC	
Finish		Glossy/Mat t	Glossy/Matt	Glossy/Matt	Glossy/Matt	Glossy/Matt	Glossy/Matt	Glossy/Mat	
Width	DIN EN ISO 2286-1	1m~3.2m	1m~3.2m	1m~3.2m	1m~3.2m	1m~3.2m	1m~3.2m	1m~3.2m	
Weight	DIN EN ISO 2286-2	500gsm	500gsm	610gsm	680gsm	750gsm	750gsm	900gsm	
Yarn Constr uction	Polyester	1000Dx1000 D 9x9	1000Dx1000D 18x18	1000Dx1000D 20x20	1000Dx1000D 20x20	1300Dx1300D 18x18	1000Dx1000D 23x23	1000Dx1000E 30x30	
Tensile Stre ngth	(DIN53354)	1200/1100 N /5cm	2100/1950 N/5 cm	2500/2300 N/5 cm	2500/2300 N/5 cm	2700/2500 N/5 cm	2900/2700 N/5 cm	3900/3700 N/ cm	
Tear Strengt h	(DIN53363)	250/200 N/ 5cm	250/200 N/5 cm	300/250 N/5 cm	300/250 N/5 cm	350/300 N/5 cm	370/320 N/5 cm	600/550 N/5 CM	
Coating Adh esion	(DIN53357)	40 N/5cm	80 N/5cm	100 N/5cm	100 N/5cm	100 N/5cm	100 N/5cm	120 N/5cm	
Temperature		from -30°C to 70°C							
Flame Retardant		B1, B2, M1, M2, NFPA-701, CAPI-84 Optional							
Surface Treatment		Acrylic or PVDF Optional							
Other C	Optional	Ecofriendly, UV, Anti-Mildew, Aging Resistance, Cold Resistance, Optional							
To be Cu	stomized			Color, So	ftness, and o	ther details			

*We can customize any size or order. Please call for special customization options

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Side Curtain Material 20x20; 15x15 per inch(plain weave) Specification 1000x1000 D Yarn Type of Coating PVC coated on both sides Weight 680gsm; 900gsm Width Up to 3.2m **Tensile Strength** 3000/2800 N/5CM; 4000/3800 N/5CM Tear strength 300/300N/5CM: 550/500N/5CM 100N/5CM Adhesion Strength 1000x1000 D Yam Low Temperature-No Crack At -30°C to +70°C

Your logo also can be printed on the material

Colors Available:



Visit our website



Side Curtain for Truck Cover





For further information, please contact:info@taimeichina.com





HAND & THROW TARP
FLATBED TARP
SIDE CURTAIN
DUMP TRUCK TARP
TRAILER TARP
✓ CARGO NET



TRUCK COVER &CARGO NET

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CARGO CONTROL NETS



Dump Truck Mesh Tarps

Woven from poly fibers that are coated with PVC resin, these tarps are designed to hold up under recurring and rugged usage. The mesh weave allows air to flow through the tarp, eliminating wind resistance that could cause tears or abrasions. Evenly spaced, rust-proof grommets on the end allow easy tie down and double needle lock stitching assures the strength and durability needed to secure and protect your load. Mesh tarps are best suited for hauling rock, sand, debris, plants, and other loads that need protection but do not require 100% waterproof or windproof conditions.



Trailer Mesh Tarp





Cargo Control Net



Cargo Mesh



For further information, please contact:info@taimeichina.com







HAND & THROW TARP
✓ FLATBED TARP
SIDE CURTAIN
DUMP TRUCK TARP
TRAILER TARP
CARGO NET

FLATBED TARP

TRUCK COVER &CARGO NET

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FLATBED TARPS & TRAILER TARP

Lumber Tarp & Steel Tarp for Truck

Flatbed tarps are essential tools for safely and effectively covering loads on flatbeds, semis, and hotshot trailers. Cargo is often heavy, misshapen, or sensitive to weather, so truckers often struggle to adequately and safely cover their load. We offer a variety of flatbed tarps for sale, including steel tarps, lumber tarps, coil tarps, smoke tarps, and box tarps. Every vinyl tarp features reinforced D rings to withstand tight strapping. They are completely waterproof as well as heat, tear, and UV resistant.



Dump Truck Tarp







For further information, please contact:info@taimeichina.com





Side Curtain for Truck Cover



	PE TARPAULIN
	TRUCK COVER
✓	AWNING & CANOPY
	MEMBRANE STRUCTURE
	PARTY TENT
	WATER TANK



PVC COATED FABRIC

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AWNING & CANOPY FABRIC





Outdoor Shade Solutions !

Striped PVC Tarpaulin for Sunshade Awning & Canopy

			omp	ed PVC					
DATA SHEET			(ai.	
Coating Material		PVC	PVC	PVC	PVC	PVC	PVC	PVC	
Finish		Glossy/Matt	Glossy/Matt	Glossy/Matt	Glossy/Matt	Glossy/Matt	Glossy/Matt	Glossy/Matt	
Width	DIN EN ISO 2286-1	1m-3.2m	1m-3.2m	1m~3.2m	1m-3.2m	1m-3.2m	1m-3.2m	1m-3.2m	
Weight	DIN EN ISO 2286-2	400gsm	500gsm	500gsm	500gsm	500gsm	680gsm	900gsm	
Yarn Construction	Polyester	300Dx500D 18x12	500Dx500D 9x9	500Dx500D 18x17	840Dx840D 9x9	1000Dx1000D 9x9	1000Dx1000D 20x20	1000Dx1000D 20x2	
Tensile Strength	(DIN53354)	450/400 N/5cm	450/400 N/5cm	700/600 N/5cm	700/600 N/5cm	1200/1100 N/5cm	2500/2300 N/Scm	2500/2300 N/5cm	
Tear Strength	(DIN53363)	80/70 N/5cm	120/110 N/5cm	150/140 N/5cm	150/140 N/Scm	250/200 N/5cm	300/250 N/5cm	300/250 N/5cm	
Coating Adhesion	(DIN53357)	20 N/5cm	40 N/5cm	40 N/5cm	40 N/5cm	40 N/5cm	100 N/5cm	120 N/5cm	
Tempreture		from -30°C to 70°C							
Flame Re	rtardant	81, B2, M1, M2, NFPA-701, CAPI-84 Optional							
Surface Treatment		Acrylic or PVDF Optional							
Other Optional		Ecofriendly, UV, Anti-Mildew, Aging Resistance, Cold Resistance, Optional							
To be Customized		Color, Softness, and other details							



Striped PVC Tarpaulin Features:

- ·Good peeling strength for welding
- ·Outstanding tearing strength
- · Flame retardant
- · Flexible
- · High strength



For further information, please contact:info@taimeichina.com



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CUSTOM

*Various color pattern, one side or double sides color striped



	PE TARPAULIN
	TRUCK COVER
	AWNING & CANOPY
✓	MEMBRANE STRUCTURE
	PARTY TENT FABRIC
	WATER TANK



PVC COATED FABRIC

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PVC COATED FABRIC



Membrane Structure



Tensile Membrane Structure

Yarn	1000*1000D 1300D*1300D
Type of Coating	PVC coated on both sides
Weight	1100g/m ² ; 1400g/m ² ; 900g/m ² ; 1050g/m ²
Width	UP TO 3.2M
Tensile strength	5500/5200 N/5CM; 7200/7000 N/5CM; 4200/3900 N/5CM; 4500/4200 N/5CM; 4800/4400 N/5CM
Tear strength	650/550N/5CM; 750/700N/5CM; 550/500N/5CM; 600/500N/5CM; 500/450N/5CM
Adhesion Strength	120N/5CM; 160N/5CM

- · Knife Coated technology
- ·Good strength, good flexibility and adhesion strength
- · Outstanding tearing strength for welding
- \cdot UV resistant , FR
- ·Cold resistant, Anti-Mildew
- \cdot Lacquered are available as requests
- \cdot Color, weight can be customized

For further information, please contact:info@taimeichina.com









□ PE TARPAULIN
 □ TRUCK COVER
 □ AWNING & CANOPY
 □ MEMBRANE STRUCTURE
 ✓ PARTY TENT FABRIC
 □ WATER TANK

PVC COATED FABRIC

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TENT FABRIC & CURTAINS





PVC Fabric for Party Tent

PVC Party Tents provide a flexible and highly durable solution for parties, events, and exhibitions. Our tent fabric made of heavy duty plastic tarpaulin sheet.

PVC Party Tent

Yarn	1000*1000D
Type of Coating	PVC coated on both sides
Weight	650g/m ² : 700g/m ² : 750g/m ² : 800g/m ² ; 850g/m ²
Width	UP TO 3.2M
Tensile strength	3300/3200 N/5CM; 3400/3300 N/5CM; 3500/3400 N/5CM; 3000/2900 N/5CM
Tear strength	350/320N/5CM; 360/340N/5CM
Adhesion Strength	100N/5CM; 90N/5CM
Low Temperature-No Crack At	-30°C to +70°C



We offers a complete line of Tarps, making it easy to choose one that is right for any application!

Industrial Curtains

PVC Industrial curtains are a multipurpose solution that can partition off work areas from a variety of elements including noise, odor, sound, sight and other distractions that may inhibit or endanger workflow.







· Eliminates costly brick and mortar permanent type walls

- · Quickly creates privacy areas
- Improve working conditions
- · Easily slides out of the way when not needed
- ·Helps to control contaminants, temperature, odors, sound and light

For further information, please contact:info@taimeichina.com

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website: www.taimeichina.com



A B B

PE TARPAULIN
TRUCK COVER
AWNING & CANOPY
MEMBRANE STRUCTURE
PARTY TENT
✓ WATER TANK

PVC Tarpaulin

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PVC COATED FABRIC



PVC Water Storage Tank

Water storage tank is made by PVC coated fabric, size from 250L to 500,000 L, which widely used for water and rain collection. The water tank can be used for many times and it can be placed in the outdoor to storage the bulk liquids.





Accessories



Appliication:

- ·Temporary Storage
- · Rainfall Collection
- · Residential and Public Storage of Water
- · Defense Water Storage Applications
- · Emergency Storage and Relief Irrigation
- ·Test bridge maximum load
- · Fire fighting in forest

For further information, please contact:info@taimeichina.com



PVC W	ater Tan	k
Capacity	Thicnkness	Size
250 liters	0.7 mm	1m*0.85m*0.3m
500 liters	0.7 mm	1.7m*0.85m*0.35m
1,000 liters	0.7 mm	2m*1.3m*0.4m
2,000 liters	0.7 mm	2.3m*1.8m*0.5m
3,000 liters	0.7 mm	2.8m*1.8m*0.6m
5,000 liters	0.7 mm	2.8m*2.8m*0.65m
10,000 liters	0.8 mm	3.85m*3.85m*0.7m
20,000 liters	0.9 mm	6.8m*3.8m*0.8m
30,000 liters	0.9 mm	6.6m*5.8m*0.8m
50,000 liters	0.9 mm	8.6m*7.3m*0.8m
70,000 liters	1.2 mm	8.9m*8.8m*0.9m
100,000 liters	1.2 mm	13m*7.8m*1m
200,000 liters	1.2 mm	17m*11.7m*1.1m
300,000 liters	1.5 mm	19m*14.6*1.1m
400,000 liters	1.5 mm	19m*17.6*1.2m
500,000 liters	1.5 mm	24m*17.6m*1.2m

CUSTOM

*We can customize any size or order. Please call for special customization options



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RETARDANT

website: www.taimeichina.com



✔ WOVEN FABRIC NON-WOVEN WEEDMAT NON-WOVEN BLANKET SILT FENCE GEO-TEXITLE

Landscape Fabric

QINGDAO TAIMEI PRODUCTS CO., LTD www.taimeichina.com www.teratuf.com

LANDSCAPE FABRIC



LANDSCAPE FABRIC IS THE SAFE AND EASY SOLUTION TO PERMA-NENT WEED CONTROL, ALSO NAMED WEED MAT

Weed Mat is "UV" protected fabric which allows air, water and nutrients to reach the plants roots while keeping the sunlight out, which prevents weed growth.

FEATURES:

·Blocks Weeds Without Using Chemicals ·Saves Times - No More Pulling Weeds ·Allow Water, Air & Nureients to reach to the soil, save water. ·Enhances plant growth. · Prevents mulch Decay.





U.V. Protection Water Permeability

Woven Weed Mat (Weed Barrier)

Woven weed mat is able to resists tearing, puncturing and weed penetration. It's very easy to install with the plastic or metal pins. Also, it is durable and most economic way for weed control

Specification

Pre-Perforated! Material: 100% Polypropylene, with UV Treated

Lifespan: 3 years to 6 years (Depend on the thickness) Width: 0.2m~5m Length: 10m~500m/roll Weight: 60gsm~200gsm **Mesh Size:** 10x10, 10x12, 11x11, 12x12, 14x14, 22x12 Water Permeability: 6L-22L/(S.SQ.M)

We offer different kinds of woven weed control fabrics to suit all applications.

6 Years Black Color Fabric:

We use the special famular during production to make it workable for 6 years

High Water Permeability Fabric: (SULZER & WaterJet Loom Machine Available) We could make extremely high water permeability with less light penetration

White Color Fabric for In-door/Greenhouse Ground Cover: White Color is usually used in applications where light reflection is desired.



100 gsm with UV treated for max 5 years.

Economic Black Color Fabric: 65 gsm with UV Treated for one season usage.

ALL LANDSCAPE FABRICS ARE AVAILABLE IN BULK SIZES AND ROLLS

For further information, please contact:info@taimeichina.com







WOVEN FABRIC
✓ NON-WOVEN WEEDMAT
NON-WOVEN BLANKET
SILT FENCE
GEO-TEXITLE

Landscape Fabric

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NON-WOVEN FABRIC



Garden Weed Barrier



PP non-woven weed barrier fabric is an easy-to-use, environmentally safe fabric that controls weeds before they start.

Frost Fleece

Material 100% Polypropylene, with or without uv Width 600 mm ~2400mm (max 2.4m, or customized) Length 50M, 100M, 200M, as per request Weight 10gsm ~ 300gsm, as per request

Plant Protection Fleece





This **garden fleece** is suitable to protect plants from frost. Good quality plant protection fleece in covering all crops vegetables seedlings, bedding plants, plants in pots from frost for the winter months. 10-30gsm gram weight can be placed directly over established plants veggies shrubs with no frame required.

Product Specification

Material: 100% Virgin Polypropylene

Width: 600 mm ~2400mm (max 2.4m

Weight: 10gsm ~ 180gsm, as per request

Technics: Spun-Bonded

Product Features

- · Earlier and increased harvest
- Protect against frost, snow, rain, heat, creeps, pest, birds
- Increase the growing temperature and extend the season

For further information, please contact:info@taimeichina.com

Jie website



✓ WOVEN FABRIC
 NON-WOVEN WEEDMAT
 NON-WOVEN BLANKET
 SILT FENCE
 GEO-TEXITLE



Woven Bags

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PP Woven Fabric



PP Woven Sacks







Application

- ·Chemicals, Fertilizers, Cement, Urea, Minerals
- ·Flour, Grain, Seeds, Spices, Pulses, Dates
- ·Sugar, Salt
- ·Sand, Metal Parts, Concrete Elements

Woven PP Bags are widely used for packing and transporting bulk commodities such as grains, salt, sugar and many more. They are also known for their durability, flexibility and low cost.

PP Wc	oven Bag
Raw Material	100% new virgin PP granule
Color	all colors available
Weave	commonly 9X9, 10X10, 11X11, 12X12, 14X14
Denier	700D to 1500D
Weight	65gsm to 220gsm
Composition	100% circular PP woven fabric
Size	300mm to 800mm Width, Length can be as requirement
Тор	cut or hemmed
Bottom	Single folded, double folded, single stitch, double stitches
Printing	Up to 4 colors
Packaging	commonly bundles/bales/pallets

Features

- ·Very affordable, lower cost
- \cdot Flexible and high strength, persistent durability
- \cdot Can be printed on both sides
- •Water and dust proof design due to inside PE liners or laminated on the outside;hence, packed materials are protected from outside humidity
- •Twisted weave and anti-skid print to prevent slipping
- \cdot Fully recyclable



For further information, please contact:info@taimeichina.com

raimei



AGRICULTURE NET
SUN SHADE SAIL
SCREEN FENCE
✓ GREENHOUSE FILM



Plastic Film

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AGRICULTURE PLASTIC FILM





Greenhouse Poly Film

TOIM

Description	5-layer, long life, colorless
Resins	EVA / LDPE / LLDPE / MLLDPE
Life Time(Kly)	350-550
Nominal Thickness	150-200
Average Thickness Tolerance	±5% on nominal thickness
Thickness Tolerance at any Point	±15%

CUSTOM

*Greenhouse cover can be cut to custom sizes. Please call for special customization options

For further information, please contact:info@taimeichina.com

Greenhouse Film

Our greenhouse film is made using a five layer coextrusion process which allows for a wide range of added functionalities. Furthermore, the films improved mechanical resistance makes it suitable for greenhouse covers, macro and micro tunnels.

- Diffusion.
- •Thermicity.
- •Transmission.
- •Anti-Dust.
- •UV Block / Anti-virus.
- •Anti-Drip.





NON-WOVEN FABRIC
✓ WOVEN GEOTEXTILE
GEOMEMBRANCE
HDPE MEMBRANE
GEOCELL

Woven Geotextile

QINGDAO TAIMEI PRODUCTS CO., LTD www.taimeichina.com www.teratuf.com

WOVEN GEOTEXTILE



Woven Geotextile

are manufactured with high tensile strength and low elongation to provide dimensional stability and deliver superior load distribution, reducing rutting and extending the life of paved and unpaved roadways. This family of woven products offers proven performance, is compliant with AASHTO/NTPEP standards, and is available in a variety of styles to fit your specific project needs and specifications.





Product Features

- High tensile strength
- •UV Resistant
- •Strong and Durable
- Resistant to Chemical Substances
- Resists biological degradation
- Resistant to ultraviolet degradation
- Strengthens and supports aggregates
- Increases performance life of the road
- Withstands tough construction loading
- Ease of installation

Geotextiles Wovens

Property	Test Method	Unit	Light	Middle	Heavy
Weight	ASTM D5261	g/m ²	130	170	215
Grab Tensile Strength	ASTM D4632	N	880	1100	1400
Grab Elongation	ASTM D4632	%	15	15	15
Tear Resistance	ASTM D4533	N	330	400	520
Puncture CBR	ASTM D4833	N	400	440	530
Permittivity	ASTM D4491	sec ⁻¹	0.05	0.05	0.05
Water Flow	ASTM D4491	L/min/m ²	200	200	160
Apparent Opening Size	ASTM D4751	mm	0.3	0.42	0.42
U.V. Resistance	ASTM D4355	%@500h	70	70	70

Note: All information in this material is given in good faith but without warranty, expressed or implied with respect to the quality of fitness of the products refered to herein for any particular purpose.

For further information, please contact:info@taimeichina.com







✓ GEOMEMBRANE
 WOVEN GEOTEXTILE
 NON-WOVEN FABRIC
 GEOCELL
 HDPE MEMBRANE

GEOMEMBRANE

QINGDAO TAIMEI PRODUCTS CO., LTD www.taimeichina.com www.teratuf.com

GEOMEMBRANE





Geomembrane (Dam Liner) HDPE Geomembrane is manufactured from High Density

Polyethylene resins. The surfaces of both sides are smooth. Used for a variety of environmental protection, agriculture and aquaculture waterproof and anti leakage.

SPECIFICATIONS												
	Test									Test Frequency		
	Thickness	mm	D5199	0.75	1.00	1.25	1.50	1.80	2.00	2.50	3.00	Per roll
	Density	g/cc	D1505/D792				0	.94				90,000 kg
es	Tensile Properties		D 6693									
iti	 yield strength 	kN/m	Type IV	11	15	18	22	26	29	37	44	9,000 kg
do	 break strength 	kN/m		20	27	33	40	47	53	67	80	
P	 yield elongation 	%		12	12	12	12	12	12	12	12	
cal	 break elongation 	%		700	700	700	700	700	700	700	700	
ani	Tear Resistance	Ν	D 1004	93	125	156	187	220	249	311	374	20,000 kg
Mechanical Properties	Puncture Resistance	Ν	D 4833	240	320	400	480	565	640	800	960	20,000 kg
×	Stress Crack Resistance	Crack Resistance hr. D 5397 500 h										per GRI GM-10
	Carbon Black Content	%	D 4218				2.0	3.0%				9,000 kg
	Carbon Black Dispersion		D 5596	For 10 d	ifferent	views: 9	in Cate	egories 1	or 2 and	1 in Ca	tegory 3	20,000 kg
	Oxidative Induction Time		D 3895	5 100 min.								
	(a) Standard OIT	min	D 5885		90,000 kg							
ies	(b) High Pressure OIT											
Reference Properties	Oven Aging at 85°C											
d d	retained	~	D 5721		per each							
P	after 90 days	%										
nce	(a) Standard OIT - %		D 3895				8	0%				formulation
ere	(b)High Pressure OIT - %		D 5885									
Ref	UV Resistance											per each
1	High Pressure OIT - %	%	D 5885				5	0%				formulation
	after 1600 hrs		D 2002				J	0/0				Torritutation
	Dimensional Stability	%						+2				
ze	width	% m		7	7	7	7	12	7	7	7	
Roll size	Length	m		280	210	168	140		105	84	70	
Ro	Roll Area	m2		1960	1470	1176	980		735	588	490	
	Noti Area						,50		, 55	550		









CUSTOM

*We can customize any size or order. Please call for special customization options

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Taime



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NON-WOVEN GEOTEXTILE

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NON WOVEN GEOTEXTILE



NONWOVEN GEOTEXTILES

Made of polypropylene fibers, which provide excellent physical and hydraulic properties and are chemically stable in a wide range of environments. Primarily used for subsurface drainage, soil separation, filtration and rockslope protection. The high permeability properties provide high water flow rates for excellent filtration properties.





SHORT FABRIC



Specifications															
	Test	Units	BTS10	BTS15	BTS20	BTS25	BTS30	BTS35	BTS40	BTS45	BTS50	BTS60	BTS80	BTS90	BTS120
	Weight	g/m2	100	150	200	250	300	350	400	450	500	600	800	900	1200
	Weight Variation	%	-8	-8	-8	-8	-7	-7	-7	-7	-6	-6	-6	-6	-6
ies	Thickness	mm	0.9	1.3	1.7	2.1	2.4	2.7	3	3.3	3.6	4.1	5	5.5	6.9
Properties	Width Variation % -0.5														
	Break Strength (MD and XMD)	kN/m	2.5	4.5	6.5	8	9.5	11	12.5	14	16	19	25	29	38
anic	Break Elongation	%							25 ~ 10	0					
Mechanical	CBR Burst Strength ≥	kN	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.2	4	4.5	6.2
	Tear Strength ≥ (MD and XMD)	kN	0.08	0.12	0.16	0.2	0.24	0.28	0.33	0.38	0.42	0.46	0.6	0.64	0.82
	MD=Machine Di	rection	Strengt	.h C	D=Cros	a Machi	ne Dire	tion St	rength			br.			
aulic erties	Sieve Size O90	mm						C	0.07 ~ 0.	20					
p g	Coefficient of Permeability	cm/s	(1.0-9.9)× (10-1 ~ 10-3)												

LONG FABRIC



Specifications of Long Fabric												
Specifications	Test Method	Unit	BTF100	BTF150	BTF200	BTF250	BTF300	BTF350	BTF400	BTF450	BTF500	BTF600
Index Properties												
Ultimate Tensile Strength, MD	ASTM D4595	kN/m	7	11	14	17	19	24	27	30	37	41
Ultimate Tensile Strength, TD	ASTM D4595	kN/m	6	10	12	15	17	21	25	28	34	38
Tensile Elongation	ASTM D4595	%	45	45	50	50	50	60	60	60	60	60
Grab Tensile Strength, MD	ASTM D4632	N	400	600	850	1000	1250	1450	1700	1900	2100	2500
Grab Tensile Strength, TD	ASTM D4632	N	350	550	700	900	1100	1250	1450	1600	1800	2150
Grab Elongation	ASTM D4632	%	45	45	50	50	50	60	60	60	60	60
Trapezoid Tear Strength, MD	ASTM D4533	N	160	300	350	430	490	540	630	710	770	920
Trapezoid Tear Strength, TD	ASTM D4533	N	140	270	330	400	450	510	610	690	750	900
CBR Puncture Strength	ASTM D6241	N	1000	1800	2300	2700	3200	3600	4400	4800	5800	6900
Apparent Opening Size O ₉₀	ASTM D4751	mm	0.12	0.11	0.11	0.10	0.09	0.09	0.08	0.08	0.08	0.08
Water Flow Q100	ASTM D4491	L/m ² /s	250	235	220	200	185	165	125	110	90	80
Weight	ASTM D5261	g/m ²	100	150	200	250	300	350	400	450	500	600
Thickness	ASTM D5199	mm	1.2	1.8	2.3	2.9	3.2	3.6	3.9	4.2	4.4	4.8
Roll Width	-	m	6	6	6	6	6	6	6	6	6	6
Roll Length		m	300	200	150	100	100	100	80	80	50	50



With Geotextile

Protection:

Geotextile can avoid the sharps objects damage to pipeline and others buried underground.



Reinforcement:

Geotextile can einforce the roadbed, slow down the pavement fracture



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Geocell

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GeoCell



445 1

Cellular confinement systems

also known as geocells—are widely used in construction for erosion control, soil stabilization on flat ground and steep slopes, channel protection, and structural reinforcement for load support and earth retention. This cellular confinement systems made with ultrasonically welded high-density polyethylene (HDPE) strips or novel polymeric alloy (NPA)—and expanded on-site to form a honeycomb-like structure—and filled with sand, soil, rock, gravel or concrete.





Plastic Gravel Stabilizer Geocell







Technical Spec (GB/T19274-2003)

ltem Model	Open Width (cm)	Open Length (cm)	Cell Height	Welding Distance (mm)	Thickness (mm)	Weight (g)	Peeling Strength (N/mm)	Welding Strength (N/mm)	Yield strength (N/mpa)
50-400	600	400	50	400	1	550	10	10	18
75-400	600	400	75	400	1	850	10	10	18
100-400	600	400	100	400	1	1100	10	10	18
150-400	600	400	150	400	1	1600	10	10	18
200-400	600	400	200	400	1	2200	10	10	18

Note: Beside 400 welding distance, we also have 150mm, 200mm, 300mm distance

For further information, please contact:info@taimeichina.com



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