

RUI HUA

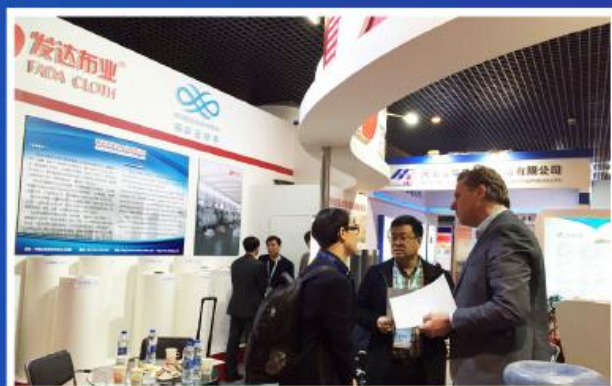
SHANDONG SHOUGUANG RUIHUA
NON-WOVEN FABRIC CO., LTD



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Ruihua Nonwoven

Ruihua Nonwoven company is a big Chinese manufacturer, has more than 20 years history, our main product include

Polyester mat

Polyester geotextile

Compound base

Fiberglass tissue

We have passed the ISO 9001 certificate. We have a long term good cooperation with some famous companies, we can provide a whole solution, such as competitive price, good quality product, fast delivery time, our customer is in many areas, China, USA, Poland, Italy, Spain, Russia, Germany, Korea, India, Egypt, Mexico, Algeria, KSA, UAE and others.



COMPOUND BASE/MAT

1. Widely used in waterproof material, such as waterproof membrane (SBS/APP modified bitumen) and asphalt shingle.
2. It has high tensile strength and competitive price, no any shrinkage in producing.
3. the weight for every type can decrease or increase according to customer requirement.



TECHNICAL DATASHEET

ITEMS	Performance						
	4×4	5×5	6×6	7×7	Leno 7×7	Leno 8×8	Leno 9×9
mass per unit area(g/m ²)	90	100	110	120	130	140	180
mass coefficient of variation per unit area	10%	10%	10%	10%	10%	10%	10%
horizontal tension(N/50mm)	150	200	280	470	500	600	1000
longitudinal tension(N/50mm)	300	400	500	550	600	700	1000
elongation at break	3%	3%	3%	3%	3%	3%	3%
horizontal tear strength(N)	140	160	210	320	330	350	550
longitudinal tear strength(N)	250	270	320	370	380	400	600
water resistance	80%	80%	80%	80%	80%	80%	80%
moisture content	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%

MACHINE & APPLICATION



GLASS FIBER ROOFING TISSUE

Widely used in waterproof material, such as waterproof membrane (SBS/APP modified bitumen) and asphalt shingle.



TECHNICAL DATASHEET

ITEMS	Performance				
mass per unit area(g/m ²)	45	50	55	60	90
mass coefficient of variation per unit area	10%	10%	10%	10%	10%
horizontal tension(N/50mm)	60	80	90	100	220
longitudinal tension(N/50mm)	200	220	230	240	350
elongation at break	3%	3%	3%	3%	3%
reinforcement	YES	YES	YES	YES	NO
distance between reinforcement glass yarn(mm)	15	15	15	15	

MACHINE & APPLICATION



GLASS FIBER TISSUE REINFORCED WITH GLASS MESH

Widely used in waterproof material, such as waterproof membrane (SBS/APP modified bitumen) and asphalt shingle.



TECHNICAL DATASHEET

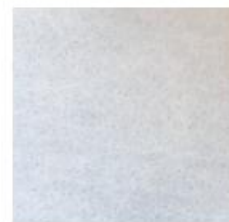
ITEMS	Performance				
mass per unit area(g/m ²)	100	120	140	160	180
mass coefficient of variation per unit area	10%	10%	10%	10%	10%
horizontal tension(N/50mm)	500	530	550	600	650
longitudinal tension(N/50mm)	600	630	650	700	750
tear strength(N)	350	370	380	400	450
elongation at break	2%	2%	2%	2%	2%
water resistance	95%	95%	95%	95%	95%
moisture content	0.50%	0.50%	0.50%	0.50%	0.50%
Thermal dimensional stability	0.01%	0.01%	0.01%	0.01%	0.01%

MACHINE & APPLICATION



SPUNBOND POLYESTER MAT

1. Widely used in waterproof material, such as waterproof membrane (SBS/APP modified bitumen) and asphalt shingle.
2. It has high tensile strength and best elongation.



TECHNICAL DATASHEET

ITEMS	Performance					
mass per unit area(g/m ²)	120	140	160	180	200	250
mass coefficient of variation per unit area	10%	10%	10%	10%	10%	10%
horizontal tension(N/50mm)	270	320	380	500	550	830
longitudinal tension(N/50mm)	350	400	470	600	650	950
horizontal tear strength(N)	250	280	320	350	370	470
longitudinal tear strength(N)	280	300	330	360	380	500
elongation at break(MD)	22%	25%	28%	31%	33%	38%
elongation at break(CD)	28%	32%	35%	37%	38%	45%
water resistance	95%	95%	95%	95%	95%	95%
moisture content	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
Thermal dimensional stability	1.50%	1.40%	1.20%	1.00%	0.90%	0.60%

MACHINE & APPLICATION



SPUNBOND POLYESTER MAT REINFORCED WITH GLASS FIBER

1. Widely used in waterproof material, such as waterproof membrane (SBS/APP modified bitumen) and asphalt shingle.
2. It has high tensile strength and best elongation, no any shrinkage in producing.



TECHNICAL DATASHEET

ITEMS	Performance						
mass per unit area(g/m ²)	80	120	140	160	180	200	250
mass coefficient of variation per unit area	10%	10%	10%	10%	10%	10%	10%
horizontal tension(N/50mm)	180	250	300	350	450	500	800
longitudinal tension(N/50mm)	300	400	450	500	600	650	950
horizontal tear strength(N)	200	250	280	320	350	370	470
longitudinal tear strength(N)	220	280	300	330	360	380	500
elongation at break(MD)	18%	22%	25%	28%	31%	33%	38%
elongation at break(CD)	22%	28%	32%	35%	37%	38%	45%
water resistance	95%	95%	95%	95%	95%	95%	95%
moisture content	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
Thermal dimensional stability	1.30%	0.90%	0.70%	0.50%	0.30%	0.30%	0.20%
distance between glass fiber(cm)	0.8-1.0						

MACHINE & APPLICATION



SPUNBOND POLYESTER GEOTEXTILE

1. Filtration of water conservancy dams and slope protection, channel isolation, impermeable; Highway, railway, airport runway isolation, filtration, drainage, slopes, retaining walls and pavement reinforcement, drainage;
Soft foundation treatment of the port engineering, the beach causeway, harbor pier and breakwater reinforced, drainage;
2. After heat clendar treatment, the surface is well, can be used in bed, sofa and other furniture, also can be used in decoration materials for car.
3. We can make color spunbond polyester geotextile, such as black, green, and others.



TECHNICAL DATASHEET

	Unit	L6	L8	L10	L12	L16	L20	L50
mass per unit area	g/sqm	60	80	100	120	160	200	500
mass coefficient of variation per unit area		6%	6%	5%	5%	4%	4%	4%
Thickness	mm	1.2	1.6	2.2	2.8	3.1	3.4	3.4
Width deviation		0.005	0.005	0.005	0.005	0.005	0.005	0.005
elongation at break		25%	25%	30%	40%	45%	50%	60%
Wide Strip Tensile Strength(MD/XMD)	KN	3.2/2.2	4.7/3.7	6.2/5.0	7.7/6.5	10.1/8.5	13.4/12.0	37.5/33.4
Grab Tensile Strength(MD/XMD)	N	200/180	250/220	300/260	450/400	735/650	950/870	3020/2855
CBR Burst Strength	N	500	600	800	1000	1400	1850	4800
Effective opening size O90(O95)	μm	180	170	150	140	110	100	80
Vertical permeability coefficient	cm/s	0.35	0.31	0.27	0.25	0.21	0.14	0.02
Trapezoidal Tear Strength (MD/XMD)	N	180/160	200/180	230/200	250/220	310/280	355/345	1065/1010
Permittivity	1/s	3	2.8	2.6	2.5	2.4	2.2	0.8
Flow Rate	l/m2/s	330	310	290	270	240	230	85

MACHINE & APPLICATION

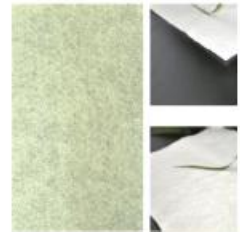


STAPLE POLYESTER GEOTEXTILE

1. Filtration of water conservancy dams and slope protection, channel isolation, impermeable; Highway, railway, airport runway isolation, \ filtration, drainage, slopes, retaining walls and pavement reinforcement, drainage;

Soft foundation treatment of the port engineering, the beach causeway, harbor pier and breakwater reinforced, drainage;

2. After heat clendar treatment, the surface is well, can be used to make polymer membrane.



TECHNICAL DATASHEET

	S6	S8	S10	S12	S16	S20	S50	S6
mass per unit area	60	80	100	120	160	200	500	60
mass coefficient of variation per unit area	6%	6%	5%	5%	4%	4%	4%	6%
thickness	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Width deviation	25%	25%	30%	40%	45%	50%	60%	25%
elongation at break	2.7/1.2	3.5/2.0	4.2/2.8	4.9/3.5	6.2/5.0	8.5/7.0	19.5/18.5	2.7/1.2
Wide Strip Tensile Strength(MD/XMD)	100/80	110/90	150/100	250/200	550/450	750/670	2800/2600	100/80
Grab Tensile Strength(MD/XMD)	120	250	350	480	650	960	2500	120
CBR Burst Strength	180	170	150	140	110	100	80	180
Effective opening size O90(O95)	0.35	0.31	0.27	0.25	0.21	0.14	0.02	0.35
Vertical permeability coefficient	100/90	120/100	130/110	150/120	240/220	305/295	1005/960	100/90
Trapezoidal Tear Strength (MD/XMD)	3	2.8	2.6	2.5	2.4	2.2	0.8	3
Permittivity	330	310	290	270	240	230	85	330
Flow Rate	S6	S8	S10	S12	S16	S20	S50	S6

MACHINE & APPLICATION





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