



A division of TAIMEI Group

- ☒ NON-WOVEN FABRIC
- ☐ WOVEN GEOTEXTILE
- ☐ GEOMEMBRANE
- ☐ GEOCELL
- ☐ HDPE MEMBRANE



NON-WOVEN GEOTEXTILE

QINGDAO TAIMEI PRODUCTS CO., LTD

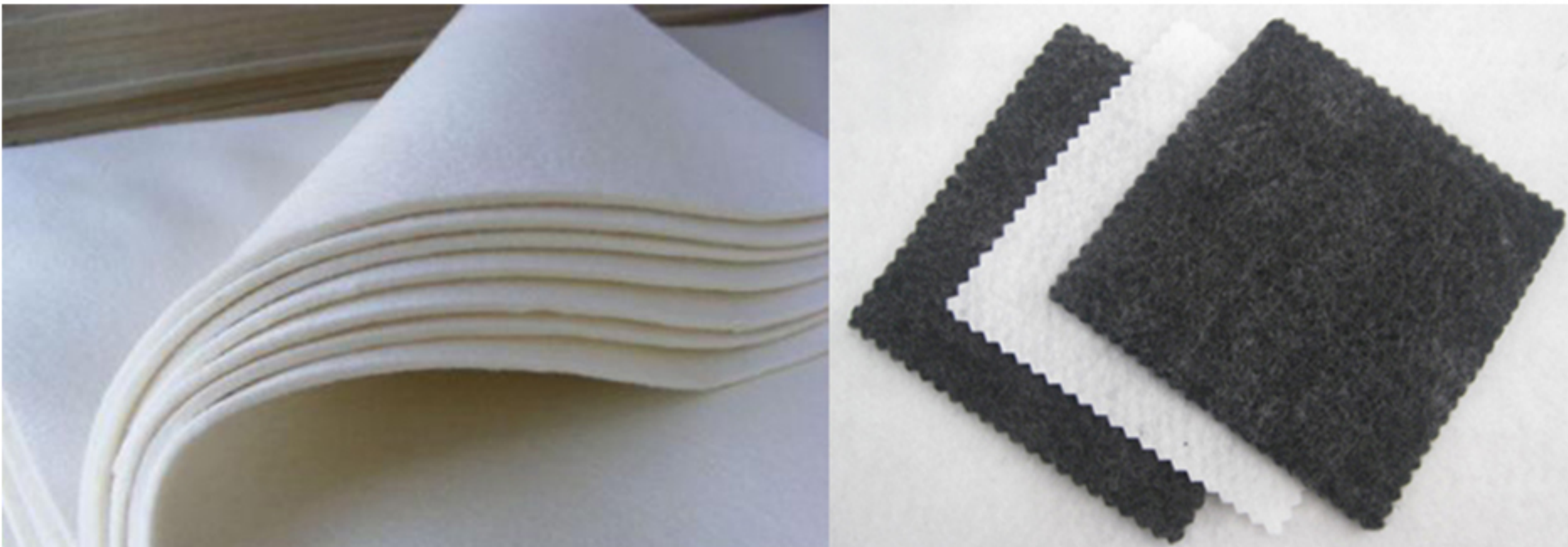
www.taimeichina.com www.teratuf.com

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 rock slope protection. The high permeability properties provide high water flow rates for excellent filtration properties.

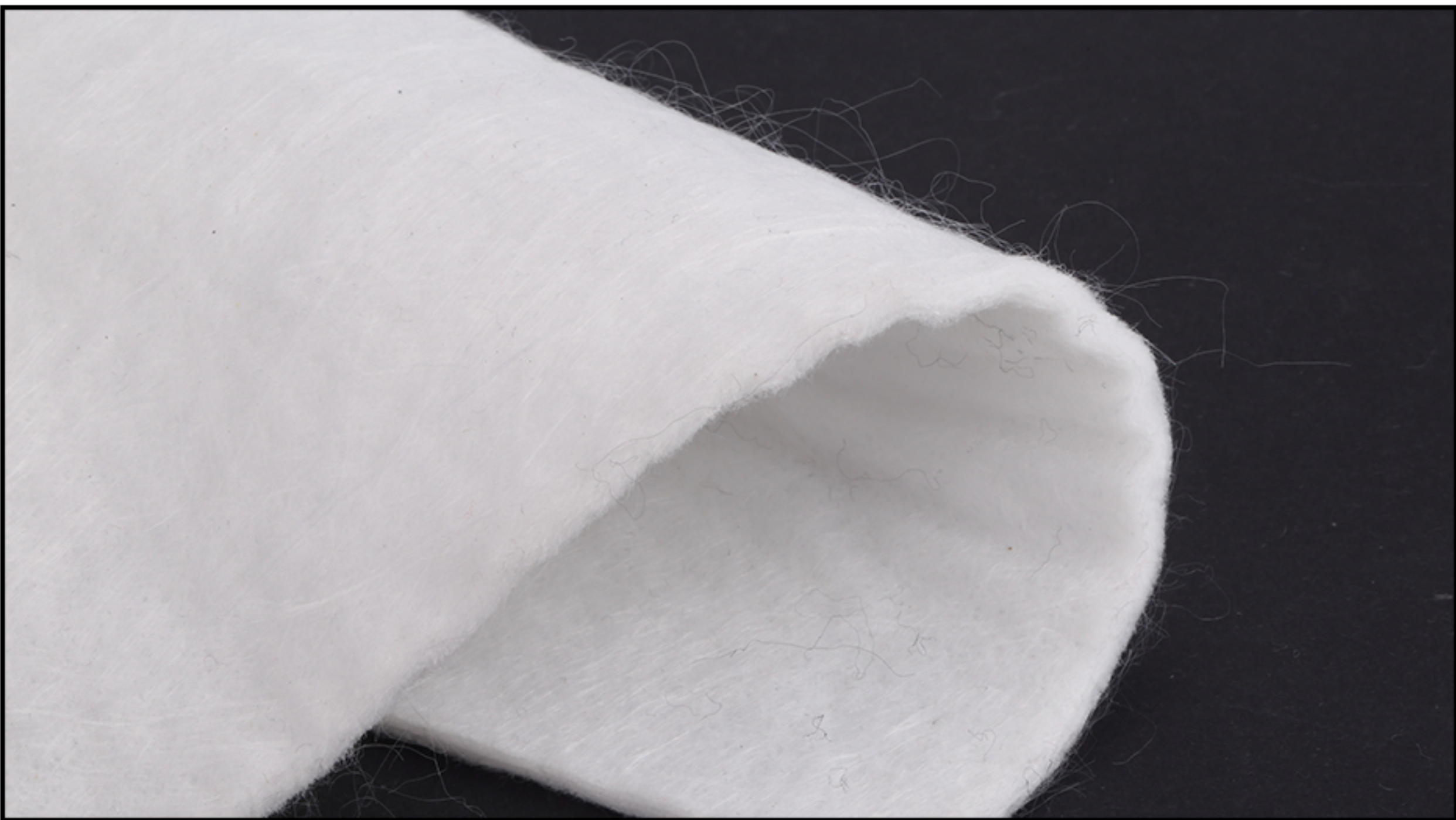


SHORT FABRIC



Specifications															
Test		Units	BTS10	BTS15	BTS20	BTS25	BTS30	BTS35	BTS40	BTS45	BTS50	BTS60	BTS80	BTS90	BTS120
Mechanical Properties	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
	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
	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
	Break Elongation	%	25 ~ 100												
	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 Direction Strength			CD=Cross Machine Direction Strength												
Hydraulic Properties	Sieve Size O90	mm	0.07 ~ 0.20												
	Coefficient of Permeability	cm/s	(1.0-9.9)× (10-1 ~ 10-3)												

LONG FABRIC

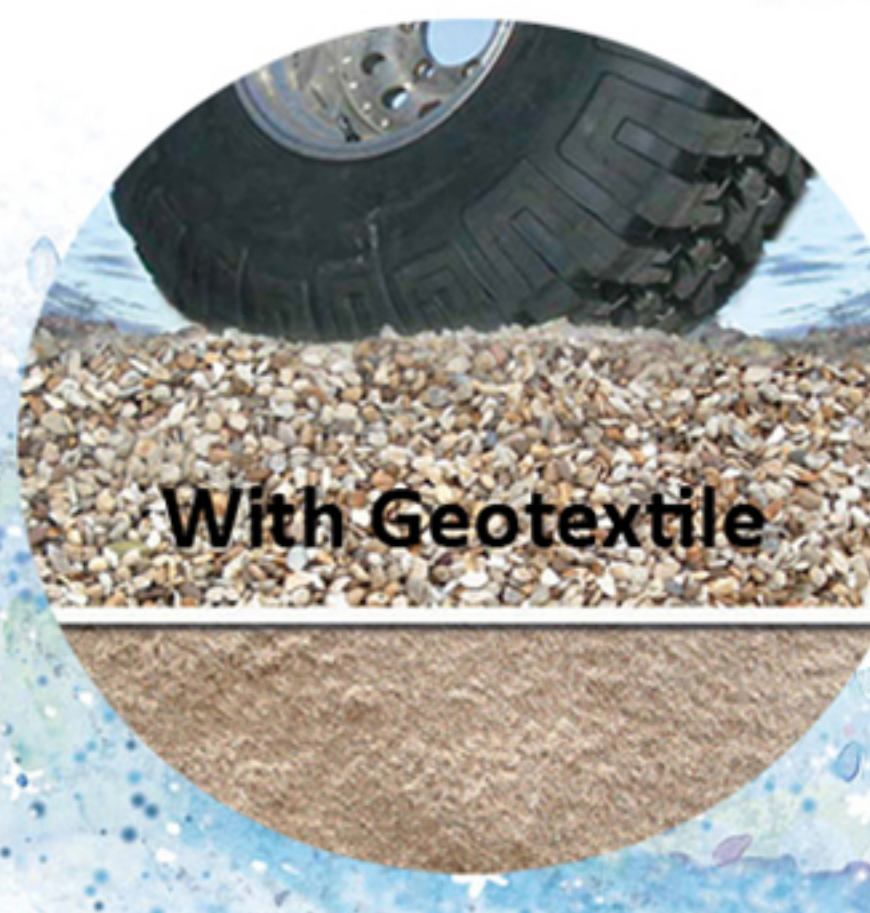


Specifications of Long Fabric												
Specifications	Test Method	Unit	BTF100	BTF150	BTF200	BTF250	BTF300	BTF350	BTF400	BTF450	BTF500	BTF600
Index Properties												
Ultimate Tensile Strength, MD	ASTM D4595	kN/m	7	11	14	17	19	24	27	30	37	41
Ultimate Tensile Strength, TD	ASTM D4595	kN/m	6	10	12	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 Q ₁₀₀	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



Protection:

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



Reinforcement:

Geotextile can reinforce the roadbed, slow down the pavement fracture



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



QINGDAO TAIMEI PRODUCTS CO.,LTD.
Add.: No.6, Cuiling, Rd, Qingdao, China
Tel.: +86-532-88915029 / 88915092 website: www.taimeichina.com

