



A division of TAIMEI Group

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



NON-WOVEN GEOTEXTILE

QINGDAO TAIMEI PRODUCTS CO., LTD

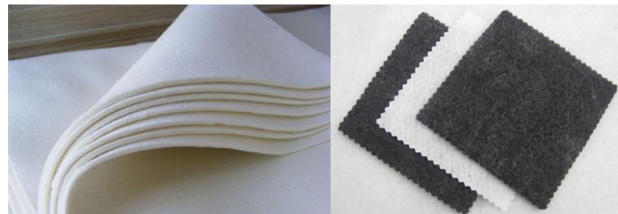
www.taimeichina.com www.teratuf.com

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

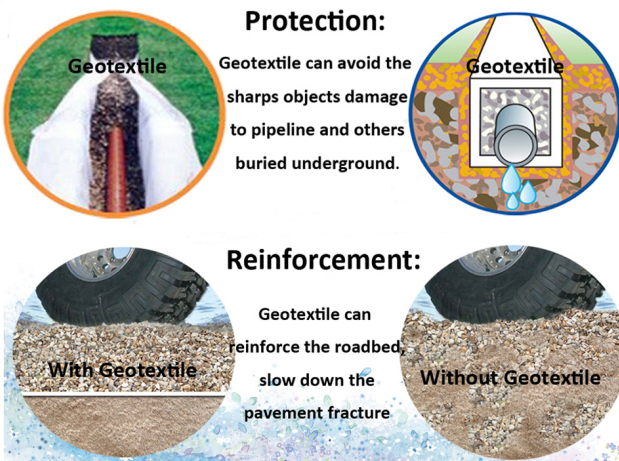


Specifications													
Test	Units	BTS10	BTS15	BTS20	BTS25	BTS30	BTS35	BTS40	BTS45	BTS50	BTS60	BTS80	BTS120
Weight	g/m ²	100	150	200	250	300	350	400	450	500	600	800	1200
Weight Variation	%	-8	-8	-8	-8	-7	-7	-7	-7	-6	-6	-6	-6
Thickness	mm	0.9	1.3	1.7	2.1	2.4	2.7	3	3.3	3.6	4.1	5	6.9
Width Variation	%	-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	38
Break Elongation	%	25 - 100											
CBR Burst Strength $\geq$	kN	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.2	4	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	0.82
MD=Machine Direction Strength CD=Cross Machine Direction Strength													
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
Index Properties											
Ultimate Tensile Strength, MD	ASTM D4595	kN/m	7	11	14	17	19	24	27	30	37
Ultimate Tensile Strength, TD	ASTM D4595	kN/m	6	10	12	15	17	21	25	28	34
Tensile Elongation	ASTM D4595	%	45	45	50	50	50	60	60	60	60
Grab Tensile Strength, MD	ASTM D4632	N	400	600	850	1000	1250	1450	1700	1900	2100
Grab Tensile Strength, TD	ASTM D4632	N	350	550	700	900	1100	1250	1450	1600	1800
Grab Elongation	ASTM D4632	%	45	45	50	50	50	60	60	60	60
Trapezoid Tear Strength, MD	ASTM D4533	N	160	300	350	430	490	540	630	710	770
Trapezoid Tear Strength, TD	ASTM D4533	N	140	270	330	400	450	510	610	690	750
CBR Puncture Strength	ASTM D6241	N	1000	1800	2300	2700	3200	3600	4400	4800	5800
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
Water Flow Q ₁₀₀	ASTM D4491	L/m ² /s	250	235	220	200	185	165	125	110	90
Weight	ASTM D5261	g/m ²	100	150	200	250	300	350	400	450	600
Thickness	ASTM D5199	mm	1.2	1.8	2.3	2.9	3.2	3.6	3.9	4.2	4.8
Roll Width	-	m	6	6	6	6	6	6	6	6	6
Roll Length	-	m	300	200	150	100	100	100	80	80	50



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