



A division of TAIMEI Group

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



GEOMEMBRANE

QINGDAO TAIMEI PRODUCTS CO., LTD

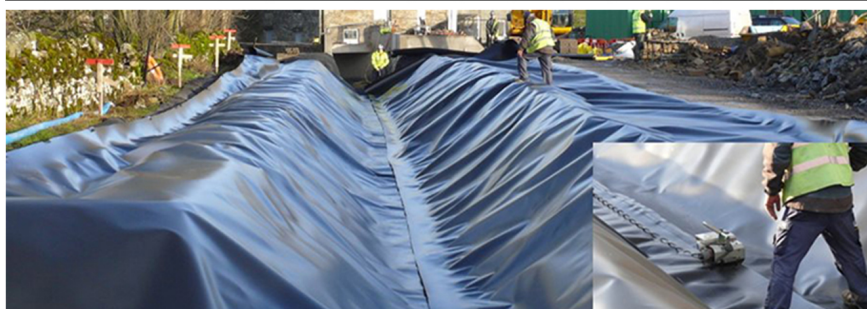
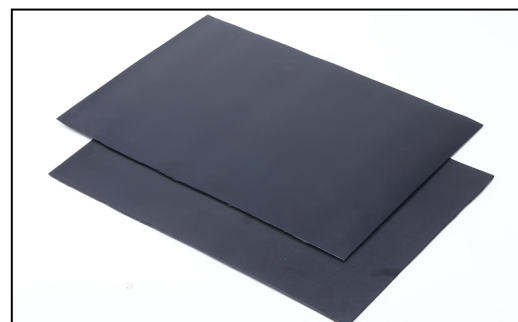
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Geomembrane (Dam Liner)

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		Unit	Standard									Test Frequency
Mechanical Properties	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
	Tensile Properties		D 6693									
	· yield strength	kN/m	Type IV	11	15	18	22	26	29	37	44	9,000 kg
	· break strength	kN/m		20	27	33	40	47	53	67	80	
	· yield elongation	%		12	12	12	12	12	12	12	12	
	· break elongation	%		700	700	700	700	700	700	700	700	
	Tear Resistance	N	D 1004	93	125	156	187	220	249	311	374	20,000 kg
	Puncture Resistance	N	D 4833	240	320	400	480	565	640	800	960	20,000 kg
Stress Crack Resistance	hr.	D 5397	500 hr.								per GRI GM-10	
Carbon Black Content	%	D 4218	2.0-3.0%								9,000 kg	
Carbon Black Dispersion		D 5596	For 10 different views: 9 in Categories 1 or 2 and 1 in Category 3								20,000 kg	
Reference Properties	Oxidative Induction Time (a) Standard OIT (b) High Pressure OIT	min	D 3895 D 5885	100 min. 400 min.							90,000 kg	
	Oven Aging at 85° C retained after 90 days	%	D 5721	55%							per each	
	(a) Standard OIT - % (b)High Pressure OIT - %		D 3895 D 5885	80%							formulation	
	UV Resistance										per each	
	High Pressure OIT - % retained after 1600 hrs	%	D 5885	50%							formulation	
Roll size	Dimensional Stability	%		±2								
	width	m		7	7	7	7		7	7	7	
	Length	m		280	210	168	140		105	84	70	
	Roll Area	m2		1960	1470	1176	980		735	588	490	



CUSTOM

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

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