



Geomembrane

Product introduction:

made from high grade polyethylene raw material, adding carbon black, antioxidant, anti-aging and UV-resistance component. It adopted the first class automatic production equipment and three-layer pressing technology. All products are in accordance with GB, GRI and ASTM test standard.

Geomenbrane: Thickness<0.8mm

Flashing board:Thickness>0.8mm

Material:HDPE/LDPE

Width:1m-8m or as per request

Length:50m,100m,200m

Thickness:0.1mm-6mm

Color: white/black/clear/green/blue or customized





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1. Technical Date

Technical Data Sheet								
Test	Unit	Standard	0.5	0.75	1.0	1.5	2.0	
Thickness	mm	D5199	0.5	0.75	1.0	1.5	2.0	
Density	g/cc	D1505/D792	0.95					
Tensile properties								
Yield strength	KN/m	D6693	7	11	15	22	29	
Break strength	KN/m		13	20	27	40	53	
Yield elongation	%		12	12	12	12	12	
Break elongation	%		700	700	700	700	700	
Tear Resistance	N		D1004	62	93	125	187	249
Puncture Resistance	N	D4833	160	240	360	480	640	
Stres Crack Resistance	hr	D5397	300hr					

2. Product Feature

- 1) Good physical and mechanic performance
- 2) High tearing resistance, strong deformation adaptability
- 3) Puncture-resisting, aging resisting, ultra-violet radiation, oil and salt, and corrosion resistance
- 4) Good adaptability to high and low temperature, non-toxicity, long servic life
- 5) Good waterproof, drainage, anti-seepage and damp proof effects
- 6) Complete width and thickness specifications, low cost and easy installation.



3. Product Application Range

- 1) Domestic and Hazardous Waste landfills
- 2) Landfill closures
- 3) Heap leach mining and tailing dams
- 4) Biogas Management
- 5) Floating Covers
- 6) Waste water treatment reservoirs
- 7) Water conveyance channels and reservoirs
- 8) Temporary tanks
- 9) Industrial sludge storage and drying ponds
- 10) Secondary containment
- 11) Architectural ponds and lakes
- 12) Brine evaporation ponds
- 13) Aquaculture ponds
- 14) Food and water grade reservoirs and tanks

CONTACT DETAIL

Hebei Huiwo Import & Export Trading Co., Ltd

Contact person: Xing ya

T: +86 18032031008

F: +86 311 66505928

E: miya@hbhuiwo.com xingya2007@msn.com

W: <https://hbhuiwo.en.alibaba.com>

We Chat: +86 18032031008

SKYPE: xingya08



Alibaba shop



wechat +86 18032031008

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