

# YTL™ Geotextile Sheet

An auxiliary product designed for drainage applications such as the layering of underground drainage pipes and basement

## Product Description

YTL™ Geotextile Sheet is a non-woven, needle punched polypropylene filter fabric. Various grades are available for different applications.

## Applications

- Underground drainage
- Car parks
- Bridge abutments
- Green roofs
- Retention bunds
- Grass paved areas
- Tunnel

## Physical Properties

PROPERTIES		UNIT					TYPICAL VALUE	
		100g /m²	150g /m²	200g /m²	250g /m²	300g /m²		
Thickness	mm	≥0.9	≥1.3	≥1.7	≥2.1	≥2.4		
Tensile At Break	KN / m	≥2.5	≥4.5	≥6.5	≥8	≥9.5		
Elongation At Break	%	25-100	25-100	25-100	25-100	25-100		
Tearing Strength	KN	≥0.08	≥0.12	≥0.16	≥0.20	≥0.24		

Test method: GB/T17638-1998

Typical test values may represent average values from samples tested

## Product Advantages

- Construction — conforms easily to the ground or trench surface for trouble-free installation.
- Strength — withstands severe installation stresses with high-puncture and burst resistance.
- Filtration — high-permeability properties provide high water flow rates while providing excellent filtration properties.
- Environments — chemically stable in a wide range of aggressive environments.
- Cost-effective — provide economical solutions to many civil engineering applications including a cost-effective alternative to graded aggregate filters.

## Supply

UNIT		TYPICAL VALUE				
		100g /m <sup>2</sup>	150g /m <sup>2</sup>	200g /m <sup>2</sup>	250g /m <sup>2</sup>	300g /m <sup>2</sup>
Roll Size	m	1.78 width x 250 length	1.78 width x 250 length	1.78 width x 250 length	1.78 width x 250 length	1.78 width x 250 length
Roll Weight	kg	44.5	66.75	89	111.25	133.5

## Health and Safety

Read the product label and Material Safety Data Sheet (MSDS) before use. Users should acquaint themselves with all risk and safety phrases. MSDS can be obtained from GCP Applied Technologies.

## Technical Services

For assistance with working drawings for projects and additional technical advice, please contact GCP Applied Technologies.

[gcpat.hk](http://gcpat.hk) | For technical information: [asia.enq@gcpat.com](mailto:asia.enq@gcpat.com)

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