



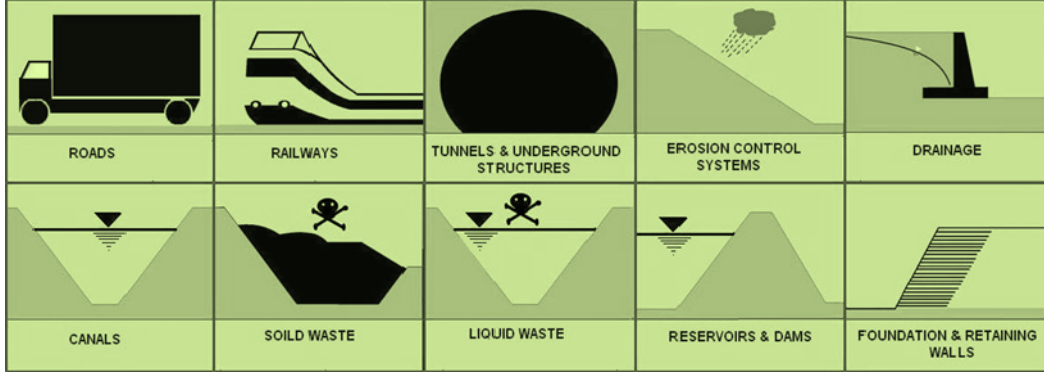
## ALYAF A601 XL

Product Data Sheet -

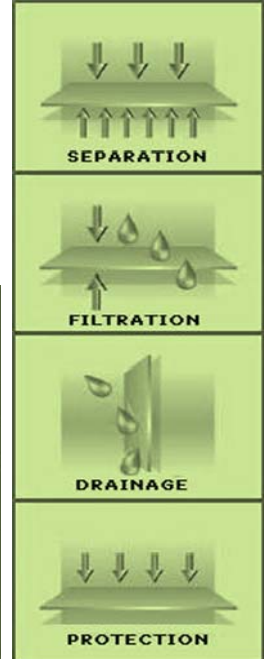
### A1 XL Range

**ALYAF A601 XL** is a nonwoven Geotextile made from staple fibers, mechanically bonded by a needle punching process to produce a dimensionally stable network. The fibers used are 100% white polyester, ultra-violet resistant with 256°C melting point. ALYAF Geotextiles are manufactured according to Quality System procedures that have been assessed and certified in accordance to EN ISO 9001:2008.

#### APPLICATION AREAS:



#### FUNCTIONS



Properties		Test Method	Unit	Value
Tensile Strength	CD	EN ISO 10319	kN/m	27
Tensile Strength	MD	EN ISO 10319	kN/m	27
Elongation at break	CD / MD	EN ISO 10319	%	65 / 55
CBR Puncture		EN ISO 12236	N	5000
Dynamic Puncture		EN ISO 13433	mm	6
Permeability		EN ISO 11058	$10^{-3} \text{ms}^{-1}$	40
Flow rate normal to the plane		EN ISO 11058	$\text{l/m}^2/\text{sec}$	40
Opening Size ( $O_{90}$ )		EN ISO 12956	microns	67
Thickness under 2kPa		EN ISO 9863-1	mm	4.0
Mass Per Unit Area		EN ISO 9864	$\text{g/m}^2$	500
Roll Width		nominal	meters	6
Roll Length		nominal	meters	100

#### Notes:

- ▶ ALYAF geotextiles are non-biodegradable, have excellent resistance to chemicals and salts normally present in the soil and are unaffected by prolonged contact with hydrocarbon such as gasoline and deisel.
- ▶ ALYAF geotextiles have excellent UV resistance and exhibit strength retention of 70% on test for weathering resistance to EN 12224.
- ▶ Values reported in this data sheet are the average results obtained in our laboratory and Independent testing institutions and are subject to manufacturing tolerances.
- ▶ The property values listed above are effective September' 2014.
- ▶ Engineered grades to meet specific project requirements are available upon request.
- ▶ Properties optimization and practical experience can make revisions necessary, the right is reserved to make changes without prior notice.

Corporate Member



International Geosynthetic Society

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Certified Quality Management



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