

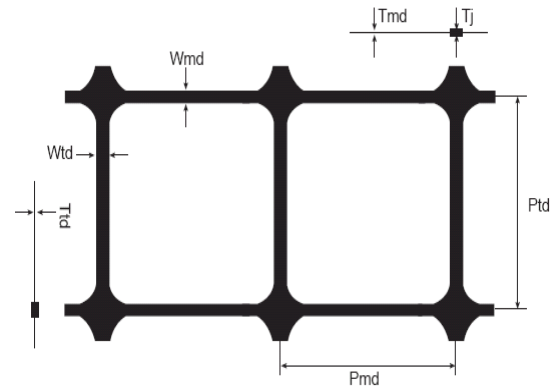
## Specifications: BiAx S GEOGRIDS



ALYAF biaxial geogrids are manufactured from PP which is unaffected by all chemicals, including acids, alkalis and salts, normally found in soils. Also, it is not a nutrient; therefore, these products are not affected by micro-organism in soil.

### Resistance to Ultra-violet Light:

A high level of resistance to U-V light is given to ALYAF geogrids by the incorporation of  $\geq 2\%$  weathering grade Carbon black, well dispersed in the polymer matrix. These products may be used for many years in exposed conditions



## Product : BiAx 3030S

Properties	Method	Units	Value	
			TD	MD
<b>Tensile Properties :</b>				
Tensile Strength <sup>(1)</sup>	ASTM D 6637	kN/m	>30	>30
Strength at 2% Strain	ASTM D 6637	kN/m	12	12
Strength at 5% Strain	ASTM D 6637	kN/m	22	22
Approximate Peak Strain	ASTM D 6637	%	13	13
Carbon Black Content	ASTM D 4218	%	$\geq 2$	$\geq 2$
<b>Structural Properties</b>				
Junction Efficiency <sup>(3)</sup>	GRI GG2	%	95	
Flexural Stiffness	ASTM D 1388	Mg-cm	3,930,000	
Aperture Stability	COE Method	m-N/deg	1.43	
<b>Roll Dimensions :</b>				
Aperture Dimensions <sup>(4)</sup>		mm	34	36
Standard Roll Size <sup>(2)</sup>		m	3.95 x 50	

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Note 1 Measured in accordance with ASTM D 6637 at  $20 \pm 2^\circ\text{C}$ ; Calculated as the 95% lower confidence limit in accordance with ISO2602 1980 (BS 2846 Part 2, 1981)

Note 2 Other roll sizes are available to order

Note 3 Measured by comparing the results of tests accordance with test methods GRI/GG2.

Note 4 Other Aperture sizes, up to 65mm x 65mm are available on request

Corporate Member



International Geosynthetic Society

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