



AG Auroma Geotex

**We Clench the forces of nature  
...in the fists of our technology**



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## Auroma Geotex Geotextile | AG-70

- Auroma Geotex Geotextile AG-70 offers a cost effective solution for most separation and stabilization applications, increasing the life of both paved and unpaved roadways is significantly. Stabilization is provided by the high strength at low elongation which distributes the load and reduces rutting extensively.
- Geotextile generally are excellent solutions for separation of aggregate and sub grade. Although, only 'woven' Geotextile offer high modulus resistance to stretch, this is primarily important to provide stabilization over poorly drained soils.

### Features and Benefits

- **Separation** : Checks unrelated materials from intermixing.
- **Stabilization** : High tensile modulus at low elongations, delivers support and load distribution in moderate sub grade conditions.
- **Durability** : Excellent resistance to installation damage assuring long life and high performance.
- **Cost Effectiveness** : Low cost and high performance assures major savings in structural resources, labor and maintenance expenses for many construction applications.

### Applications

- As a road base separation layer under driveways and streets, parking, storage and staging areas, roadways, airport runways, paving blocks, and access/haul roads.
- Internal reinforcement of retaining walls
- Foundation stabilization
- Daily landfill covers soil embankment and roadway stabilization
- Steep slope reinforcement used for sub grade stabilization
- Reinforcing embankments over soft soils



### Availability

<b>In Roll Forms, in following sizes</b>
W (ft.) X L (ft.) (sq. yard.) = (3' to 6') X (432') (144 to 288)

### TDS | AG-70

Property	ASTM Standard	MARV Value
GSM	ASTM D5261	70 gm/m <sup>2</sup>
Pick Count	ASTM D3775	11.5 X 11.5
Grab Tensile	ASTM D4632	70 lbs MD   70 lbs CD
Elongation	ASTM D4632	15% MD   15% CD
Trapezoidal Tear	ASTM D4533	25 lbs MD   25 lbs CD
CBR	ASTM D6241	200 lbs
Permittivity	ASTM D4491	0.05 sec-1
Water Flow Rate	ASTM D4491	5 gpm/ft <sup>2</sup>
Apparent Opening Size	ASTM D4751	*0.425 mm
UV Resistance	ASTM D4355	**70%

**Special Note:-** \*AOS values are Maximum Average Roll Values.

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## Auroma Geotex Geotextile | AG-100

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- Reinforcing embankments over soft soil stabilization
- Reinforcing embankments over soft soils

### Availability

In Roll Forms, in following sizes
W (ft.) X L (ft.) (sq. yard.) = (3' to 6') X (432') (144 to 288)



### TDS | AG-100

Property	ASTM Standard	MARV Value
GSM	ASTM D5261	80 gm/m <sup>2</sup>
Pick Count	ASTM D3775	11.5 X 11.5
Grab Tensile	ASTM D4632	100 lbs MD   100 lbs CD
Elongation	ASTM D4632	15% MD   15% CD
Trapezoidal Tear	ASTM D4533	65 lbs MD   65 lbs CD
CBR	ASTM D6241	325 lbs
Permittivity	ASTM D4491	0.05 sec-1
Water Flow Rate	ASTM D4491	5 gpm/ft <sup>2</sup>
Apparent Opening Size	ASTM D4751	*0.600 mm
UV Resistance	ASTM D4355	**70%

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## Auroma Geotex Geotextile | AG-180

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### Availability

In Roll Forms, in following sizes

W (ft.) X L (ft.) (sq. yd.) = 12.5' X 432' (600); 12.5' X 360' (500);  
15' X 360' (600); 15' X 300' (500); 17.5' X 309' (600);  
17.5' X 258' (500)

### TDS | AG-180

Property	ASTM Standard	MARV Value
GSM	ASTM D5261	130 gm/m <sup>2</sup>
Pick Count	ASTM D3775	11.5 X 11.5
Grab Tensile	ASTM D4632	180 lbs MD   180 lbs CD
Elongation	ASTM D4632	15% MD   15% CD
Trapezoidal Tear	ASTM D4533	70 lbs MD   70 lbs CD
CBR	ASTM D6241	650 lbs
Permittivity	ASTM D4491	0.05 sec-1
Water Flow Rate	ASTM D4491	5 gpm/ft <sup>2</sup>
Apparent Opening Size	ASTM D4751	*0.425 mm
UV Resistance	ASTM D4355	**70%

**Special Note:-** \*AOS values are Maximum Average Roll Values.

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## Auroma Geotex Geotextile | AG-200

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 15' X 360' (600); 15' X 300' (500); 17.5' X 309' (600);  
 17.5' X 258' (500)

### TDS | AG-200

Property	ASTM Standard	MARV Value
GSM	ASTM D5261	140 gm/m <sup>2</sup>
Pick Count	ASTM D3775	11.5 X 11.5
Grab Tensile	ASTM D4632	200 lbs MD   200 lbs CD
Elongation	ASTM D4632	15% MD   15% CD
Trapezoidal Tear	ASTM D4533	75 lbs MD   75 lbs CD
CBR	ASTM D6241	700 lbs
Permittivity	ASTM D4491	0.05 sec-1
Water Flow Rate	ASTM D4491	5 gpm/ft <sup>2</sup>
Apparent Opening Size	ASTM D4751	*0.425 mm
UV Resistance	ASTM D4355	**70%

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## Auroma Geotex Geotextile | AG-250

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 15' X 360' (600); 15' X 300' (500); 17.5' X 309' (600);  
 17.5' X 258' (500)

### TDS | AG-250

Property	ASTM Standard	MARV Value
GSM	ASTM D5261	150 gm/m <sup>2</sup>
Pick Count	ASTM D3775	11.5 X 11.5
Grab Tensile	ASTM D4632	250 lbs MD   250 lbs CD
Elongation	ASTM D4632	15% MD   15% CD
Trapezoidal Tear	ASTM D4533	90 lbs MD   90 lbs CD
CBR	ASTM D6241	750 lbs
Permittivity	ASTM D4491	0.05 sec-1
Water Flow Rate	ASTM D4491	4 gpm/ft <sup>2</sup>
Apparent Opening Size	ASTM D4751	*0.425 mm
UV Resistance	ASTM D4355	**70%

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## Auroma Geotex Geotextile | AG-270

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 17.5' X 258' (500)

### TDS | AG-270

Property	ASTM Standard	MARV Value
GSM	ASTM D5261	160 gm/m <sup>2</sup>
Pick Count	ASTM D3775	11.5 X 11.5
Grab Tensile	ASTM D4632	270 lbs MD   270 lbs CD
Elongation	ASTM D4632	15% MD   15% CD
Trapezoidal Tear	ASTM D4533	100 lbs MD   100 lbs CD
CBR	ASTM D6241	850 lbs
Permittivity	ASTM D4491	0.05 sec-1
Water Flow Rate	ASTM D4491	4 gpm/ft <sup>2</sup>
Apparent Opening Size	ASTM D4751	*0.425 mm
UV Resistance	ASTM D4355	**70%

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## Auroma Geotex Geotextile | AG-315

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 17.5' X 258' (500)

### TDS | AG-315

Property	ASTM Standard	MARV Value
GSM	ASTM D5261	190 gm/m <sup>2</sup>
Pick Count	ASTM D3775	11.5 X 11.5
Grab Tensile	ASTM D4632	315 lbs MD   315 lbs CD
Elongation	ASTM D4632	15% MD   15% CD
Trapezoidal Tear	ASTM D4533	120 lbs MD   120 lbs CD
CBR	ASTM D6241	900 lbs
Permittivity	ASTM D4491	0.05 sec-1
Water Flow Rate	ASTM D4491	4 gpm/ft <sup>2</sup>
Apparent Opening Size	ASTM D4751	*0.425 mm
UV Resistance	ASTM D4355	**70%

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## Auroma Geotex Geotextile | AG-350

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### TDS | AG-350

Property	ASTM Standard	MARV Value
GSM	ASTM D5261	200 gm/m <sup>2</sup>
Pick Count	ASTM D3775	11.5 X 11.5
Grab Tensile	ASTM D4632	350 lbs MD   350 lbs CD
Elongation	ASTM D4632	15% MD   15% CD
Trapezoidal Tear	ASTM D4533	135 lbs MD   135 lbs CD
CBR	ASTM D6241	950 lbs
Permittivity	ASTM D4491	0.05 sec-1
Water Flow Rate	ASTM D4491	4 gpm/ft <sup>2</sup>
Apparent Opening Size	ASTM D4751	*0.425 mm
UV Resistance	ASTM D4355	**70%

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# THANK YOU



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