



AG Auroma Geotex

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



Plot No. 236(236 & 238) Opp. Nirma Factory, Mehsana - Ahmedabad Highway, Baliyasan,  
Pin: 382732, Dist. Mehsana, Gujrat, (India) | CIN-U25209GJ2020PTC112481



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## Auroma Geotextile | AG Silt Fence-70

- Auroma Geotextile AG Silt Fence-70 is manufactured using high tenacity polypropylene (PP) yarns that are woven to form a dimensionally stable fabric. It is UV stabilized and resists ultraviolet deterioration, rotting & biological degradation and is inert to commonly encountered soil chemicals. Geotextile generally are excellent solutions for separation of aggregate and sub grade. AG SF - 70 is one of the best products available for preventing soil erosion in a work site. It is a lightweight woven fabric that will trap dirt and other particles while allowing water and liquids to pass through. 'Woven' Geotextile offer high modulus resistance to stretch which is important to provide stabilization over poorly drained soils.
- It meets or exceeds the requirements of AASHTO M288.

### Features

1. Prevents soil loss at work sites & during landscaping
2. Allows fluids to pass through while trapping soil particles
3. Rugged material resists tearing and strength loss from extended use in sunlight
4. Easy to install and extremely versatile
5. **Separation:** Checks unrelated materials from intermixing.
6. **Stabilization:** High tensile modulus at low elongations, delivers support and load distribution in moderate sub grade conditions.
7. **Durability:** Excellent resistance to installation damage assuring long life and high performance.
8. **Cost Effectiveness:** Low cost and high performance assures major savings in structural resources, labor and maintenance expenses for many construction applications.
9. Environmentally friendly as it prevents silt runoffs into bodies of water

### Applications

- Filtration
- Separation
- Erosion Protection
- Greenhouse
- Landscape

### Availability

In Roll Forms, in following sizes
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.

**Special Note:-** \*\*UV Resistance is Minimum Average Roll Values

## Auroma Geotex Geotextile | AG Silt Fence-80 (SF-80)

- Auroma Geotextile AG Silt Fence-80 is manufactured using high tenacity polypropylene (PP) yarns that are woven to form a dimensionally stable fabric. It is UV stabilized and resists ultraviolet deterioration, rotting & biological degradation and is inert to commonly encountered soil chemicals. Geotextile generally are excellent solutions for separation of aggregate and sub grade. AG SF - 80 is one of the best products available for preventing soil erosion in a work site. It is a lightweight woven fabric that will trap dirt and other particles while allowing water and liquids to pass through. 'Woven' Geotextile offer high modulus resistance to stretch which is important to provide stabilization over poorly drained soils
- It meets or exceeds the requirements of AASHTO M288

### Features

1. Prevents soil loss at work sites & during landscaping
2. Allows fluids to pass through while trapping soil particles
3. Rugged material resists tearing and strength loss from extended use in sunlight
4. Easy to install and extremely versatile
5. **Separation:** Checks unrelated materials from intermixing.
6. **Stabilization:** High tensile modulus at low elongations, delivers support and load distribution in moderate sub grade conditions.
7. **Durability:** Excellent resistance to installation damage assuring long life and high performance.
8. **Cost Effectiveness:** Low cost and high performance assures major savings in structural resources, labor and maintenance expenses for many construction applications.
9. Environmentally friendly as it prevents silt runoffs into bodies of water

### Applications

- Filtration
- Separation
- Erosion Protection
- Greenhouse
- Landscape

### 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	325lbs
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%

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

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# THANK YOU



## CONTACT US

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