



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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AG: 200 Geomembrane

Auroma Geotex AG: 200 Geomembrane is a high performance industrial fabric manufactured using high density polyethylene (HDPE) woven core scrim and the finest grades of engineered LDPE/LLDPE coating and film designed for water containment and water retention applications. Dimensional stability and impressive tensile and tear strength make them ideally suited for agriculture, chemical, infrastructure, power and many other industry sectors

Features and Benefits

1. Excellent welding characteristics for fast, hassle free installations
2. Higher heat sealing performance
3. UV & oxidation resistant
4. Chemical resistant
5. Puncture resistant
6. Excellent hydro-static resistance
7. Water resistant
8. Low water vapor permeability
9. Abrasion resistant
10. Higher traction for slope application
11. No warping & no buckling



Availability

- Color-Black
- Width-6' to 10'
- Packaging-In roll/bale form as per customer specification

Technical Data Sheet | AG: 200 Geomembrane

Specification	ASTM	Typical Value
Base Material	-	HDPE
Nominal Thickness	ASTM D1777	12 mil
Finished Weight	ASTM D5261	200 gm/m ²
Tensile	ASTM D751	200 lbs MD 180 lbs CD
Elongation	ASTM D751	20% MD 20% CD
Trapezoid Tear Resistance	ASTM D4533	65 lbs MD 60 lbs MD
Mullen Burst	ASTM D751	350 psi
Puncture Resistance	ASTM D4833	90 lbs
UV Performance	ASTM G154	>85% after 2,000 hours
Hydro-static Resistance	ASTM D751	280 psi
Dimensional Stability	ASTM D1204	-1.2% MD -1.5% CD
WVTR	ASTM E96	0.36 gm/m ² /day

AG: 250 Geomembrane

Auroma Geotex AG: 250 Geomembrane is a high performance industrial fabric manufactured using high density polyethylene (HDPE) woven core scrim and the finest grades of engineered LDPE/LLDPE coating and film designed for water containment and water retention applications. Dimensional stability and impressive tensile and tear strength make them ideally suited for agriculture, chemical, infrastructure, power and many other industry sectors

Features and Benefits

1. Excellent welding characteristics for fast, hassle free installations
2. UV & oxidation resistant
3. Chemical resistant
4. Puncture resistant
5. Excellent hydro-static resistance
6. Water resistant
7. Low water vapor permeability
8. Abrasion resistant
9. Higher traction for slope application
10. No warping & no buckling



Availability

- Color-Black
- Width-6' to 10'
- Packaging-In roll/bale form as per customer specification

Technical Data Sheet | AG: 250 Geomembrane

Specification	ASTM	Typical Value
Base Material	-	HDPE
Nominal Thickness	ASTM D1777	16 mil
Finished Weight	ASTM D5261	250 gm/m ²
Tensile	ASTM D751	250 lbs MD 220 lbs CD
Elongation	ASTM D751	20% MD 20% CD
Trapezoid Tear Resistance	ASTM D4533	75 lbs MD 70 lbs MD
Mullen Burst	ASTM D751	450 psi
Puncture Resistance	ASTM D4833	120 lbs
UV Performance	ASTM G154	>85% after 2,000 hours
Hydro-static Resistance	ASTM D751	300 psi
Dimensional Stability	ASTM D1204	-2% MD -1.5% CD
WVTR	ASTM E96	0.2 gm/m ² /day

AG: 300 Geomembrane

Auroma Geotex AG: 300 Geomembrane is a high performance industrial fabric manufactured using high density polyethylene (HDPE) woven core scrim and the finest grades of engineered LDPE/LLDPE coating and film designed for water containment and water retention applications. Dimensional stability and impressive tensile and tear strength make them ideally suited for agriculture, chemical, infrastructure, power and many other industry sectors

Features and Benefits

1. Excellent welding characteristics for fast, hassle free installations
2. UV & oxidation resistant
3. Chemical resistant
4. Puncture resistant
5. Excellent hydro-static resistance
6. Water resistant
7. Low water vapor permeability
8. Abrasion resistant
9. Higher traction for slope application
10. No warping & no buckling



Availability

- Color-Black
- Width-6' to 10'
- Packaging-In roll/bale form as per customer specification

Technical Data Sheet | AG: 300 Geomembrane

Specification	ASTM	Typical Value
Base Material	-	HDPE
Nominal Thickness	ASTM D1777	20 mil
Finished Weight	ASTM D5261	300 gm/m ²
Tensile	ASTM D751	320 lbs MD 300 lbs CD
Elongation	ASTM D751	20% MD 20% CD
Trapezoid Tear Resistance	ASTM D4533	95 lbs MD 85 lbs MD
Mullen Burst	ASTM D751	600 psi
Puncture Resistance	ASTM D4833	170 lbs
UV Performance	ASTM G154	>85% after 2,000 hours
Hydro-static Resistance	ASTM D751	350 psi
Dimensional Stability	ASTM D1204	-2% MD -1.7% CD
WVTR	ASTM E96	0.18 gm/m ² /day

AG: 400 Geomembrane

Auroma Geotex AG: 400 Geomembrane is a high performance industrial fabric manufactured using high density polyethylene (HDPE) woven core scrim and the finest grades of engineered LDPE/LLDPE coating and film designed for water containment and water retention applications. Dimensional stability and impressive tensile and tear strength make them ideally suited for agriculture, chemical, infrastructure, power and many other industry sectors

Features and Benefits

1. Excellent welding characteristics for fast, hassle free installations
2. UV & oxidation resistant
3. Chemical resistant
4. Puncture resistant
5. Excellent hydro-static resistance
6. Water resistant
7. Low water vapor permeability
8. Abrasion resistant
9. Higher traction for slope application
10. No warping & no buckling



Availability

- Color-Black
- Width-6' to 10'
- Packaging-In roll/bale form as per customer specification

Technical Data Sheet | AG: 400 Geomembrane

Specification	ASTM	Typical Value
Base Material	-	HDPE
Nominal Thickness	ASTM D1777	24 mil
Finished Weight	ASTM D5261	400 gm/m ²
Tensile	ASTM D751	325 lbs MD 315 lbs CD
Elongation	ASTM D751	20% MD 20% CD
Trapezoid Tear Resistance	ASTM D4533	95 lbs MD 90 lbs MD
Mullen Burst	ASTM D751	650 psi
Puncture Resistance	ASTM D4833	200 lbs
UV Performance	ASTM G154	>85% after 2,000 hours
Hydro-static Resistance	ASTM D751	380 psi
Dimensional Stability	ASTM D1204	-3% MD -2.2% CD
WVTR	ASTM E96	0.18 gm/m ² /day

AG: 450 Geomembrane

Auroma Geotex AG: 450 Geomembrane is a high performance industrial fabric manufactured using high density polyethylene (HDPE) woven core scrim and the finest grades of engineered LDPE/LLDPE coating and film designed for water containment and water retention applications. Dimensional stability and impressive tensile and tear strength make them ideally suited for agriculture, chemical, infrastructure, power and many other industry sectors

Features and Benefits

1. Excellent welding characteristics for fast, hassle free installations
2. UV & oxidation resistant
3. Chemical resistant
4. Puncture resistant
5. Excellent hydro-static resistance
6. Water resistant
7. Low water vapor permeability
8. Abrasion resistant
9. Higher traction for slope application
10. No warping & no buckling



Availability

- Color-Black
- Width-6' to 10'
- Packaging-In roll/bale form as per customer specification

Technical Data Sheet | AG: 450 Geomembrane

Specification	ASTM	Typical Value
Base Material	-	HDPE
Nominal Thickness	ASTM D1777	30 mil
Finished Weight	ASTM D5261	450 gm/m ²
Tensile	ASTM D751	35. lbs MD 325 lbs CD
Elongation	ASTM D751	20% MD 20% CD
Trapezoid Tear Resistance	ASTM D4533	100 lbs MD 90 lbs MD
Mullen Burst	ASTM D751	650 psi
Puncture Resistance	ASTM D4833	210 lbs
UV Performance	ASTM G154	>85% after 2,000 hours
Hydro-static Resistance	ASTM D751	400 psi
Dimensional Stability	ASTM D1204	-3.5% MD -2.2% CD
WVTR	ASTM E96	0.16 gm/m ² /day

AG: 500 Geomembrane

Auroma Geotex AG: 500 Geomembrane is a high performance industrial fabric manufactured using high density polyethylene (HDPE) woven core scrim and the finest grades of engineered LDPE/LLDPE coating and film designed for water containment and water retention applications. Dimensional stability and impressive tensile and tear strength make them ideally suited for agriculture, chemical, infrastructure, power and many other industry sectors

Features and Benefits

1. Excellent welding characteristics for fast, hassle free installations
2. UV & oxidation resistant
3. Chemical resistant
4. Puncture resistant
5. Excellent hydro-static resistance
6. Water resistant
7. Low water vapor permeability
8. Abrasion resistant
9. Higher traction for slope application
10. No warping & no buckling



Availability

- Color-Black
- Width-6' to 10'
- Packaging-In roll/bale form as per customer specification

Technical Data Sheet | AG: 500 Geomembrane

Specification	ASTM	Typical Value
Base Material	-	HDPE
Nominal Thickness	ASTM D1777	40 mil
Finished Weight	ASTM D5261	500 gm/m ²
Tensile	ASTM D751	490 lbs MD 460 lbs CD
Elongation	ASTM D751	20% MD 20% CD
Trapezoid Tear Resistance	ASTM D4533	120 lbs MD 100 lbs MD
Mullen Burst	ASTM D751	830 psi
Puncture Resistance	ASTM D4833	230 lbs
UV Performance	ASTM G154	>85% after 2,000 hours
Hydro-static Resistance	ASTM D751	600 psi
Dimensional Stability	ASTM D1204	-3.5 % MD -2.2% CD
WVTR	ASTM E96	0.15 gm/m ² /day

THANK YOU



CONTACT US



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AETM
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AETM **Geo** 
Membrane