

AGRUTex® 040

NONWOVEN GEOTEXTILE

AGRUTex is well-suited to exceed civil engineering project requirements and is capable of filling roles in areas like filtration, drainage, and separation. The nonwoven geotextile is available in weight classes ranging between 4 and 34 oz/yd². For heavy-duty applications, 16 oz/yd² AGRUTEX serve to reinforce structural elements like soil banks to help prevent erosion along rivers and the coast. For operations requiring a filtration element, 4 oz/yd² AGRUTEX is useful to collect larger particulates from fluids before your drainage system becomes infiltrated with soil particles. Because AGRUTEX is so customizable, there are dozens of applications across a host of civil engineering applications. For this reason, AGRU encourages and welcomes inquiries about how AGRUTEX can be customized for upcoming projects.

AGRUTex 040 is a polypropylene, staple fiber, needle punched nonwoven geotextile. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

ARGUTex 040 standard products conform to the property values listed below.¹ AGRU America's Laboratories are accredited by the Geosynthetic Accreditation Institute's Laboratory Accreditation Program (GAI-LAP).

Property	Test Method	Frequency	Minimum Average Roll Values	
			Imperial	Metric
Physical				
Mass/Unit Area	ASTM D-5261	-	4 oz/yd ²	136 g/m ²
Mechanical				
Tensile Strength (Grab)	ASTM D-4632	100,000 SF	100 lbs	450 N
Elongation	ASTM D-4632	100,000 SF	50%	50%
CBR Puncture	ASTM D-6241	500,000 SF	310 lbs	1.4 kN
Trapezoidal Tear	ASTM D-4533	100,000 SF	50 lbs	223 N
Endurance				
UV Resistance % Retained at 500 hrs	ASTM D-4355	Formulation	70%	70%
Hydraulic²				
Apparent Opening Size ³ (AOS)	ASTM D-4751	500,000 SF	70 US Std. Sieve	0.212 mm
Permittivity, sec ⁻¹	ASTM D-4491	500,000 SF	1.8	1.8
Water Flow Rate	ASTM D-4491	500,000 SF	135 g/min/ft ²	5500 l/min/m ²
Roll Sizes			15ft x 1,200ft	4.6m x 110m

Notes:

1. Effective February 2018 and subject to change without notice.
2. Values established at the time of manufacturing. Handling, storage, and shipping may change these properties.
3. Apparent Opening Size, (AOS), reported as maximum average roll value.

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by AGRU America as to the effects of such use or the results to be obtained, nor does AGRU America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.



AGRUTex® 060

NONWOVEN GEOTEXTILE

AGRUTex is well-suited to exceed civil engineering project requirements and is capable of filling roles in areas like filtration, drainage, and separation. The nonwoven geotextile is available in weight classes ranging between 4 and 34 oz/yd². For heavy-duty applications, 16 oz/yd² AGRUTEX serve to reinforce structural elements like soil banks to help prevent erosion along rivers and the coast. For operations requiring a filtration element, 4 oz/yd² AGRUTEX is useful to collect larger particulates from fluids before your drainage system becomes infiltrated with soil particles. Because AGRUTEX is so customizable, there are dozens of applications across a host of civil engineering applications. For this reason, AGRU encourages and welcomes inquiries about how AGRUTEX can be customized for upcoming projects.

AGRUTex 060 is a polypropylene, staple fiber, needle punched nonwoven geotextile. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

ARGUTex 060 standard products conform to the property values listed below.¹ AGRU America's Laboratories are accredited by the Geosynthetic Accreditation Institute's Laboratory Accreditation Program (GAI-LAP).

Property	Test Method	Frequency	Minimum Average Roll Values	
			Imperial	Metric
Physical				
Mass/Unit Area	ASTM D-5261	-	6 oz/yd ²	203 g/m ²
Mechanical				
Tensile Strength (Grab)	ASTM D-4632	100,000 SF	160 lbs	710 N
Elongation	ASTM D-4632	100,000 SF	50%	50%
CBR Puncture	ASTM D-6241	500,000 SF	410 lbs	1.8 kN
Trapezoidal Tear	ASTM D-4533	100,000 SF	60 lbs	269 N
Endurance				
UV Resistance % Retained at 500 hrs	ASTM D-4355	Formulation	70%	70%
Hydraulic²				
Apparent Opening Size ³ (AOS)	ASTM D-4751	500,000 SF	70 US Std. Sieve	0.212 mm
Permittivity, sec ⁻¹	ASTM D-4491	500,000 SF	1.4	1.4
Water Flow Rate	ASTM D-4491	500,000 SF	110 g/min/ft ²	4479 l/min/m ²
Roll Sizes			15ft x 825ft	4.6m x 252m

Notes:

1. Effective February 2018 and subject to change without notice.
2. Values established at the time of manufacturing. Handling, storage, and shipping may change these properties.
3. Apparent Opening Size, (AOS), reported as maximum average roll value.

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by AGRU America as to the effects of such use or the results to be obtained, nor does AGRU America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.



AGRUTex® 080

NONWOVEN GEOTEXTILE

AGRUTex is well-suited to exceed civil engineering project requirements and is capable of filling roles in areas like filtration, drainage, and separation. The nonwoven geotextile is available in weight classes ranging between 4 and 34 oz/yd². For heavy-duty applications, 16 oz/yd² AGRUTEX serve to reinforce structural elements like soil banks to help prevent erosion along rivers and the coast. For operations requiring a filtration element, 4 oz/yd² AGRUTEX is useful to collect larger particulates from fluids before your drainage system becomes infiltrated with soil particles. Because AGRUTEX is so customizable, there are dozens of applications across a host of civil engineering applications. For this reason, AGRU encourages and welcomes inquiries about how AGRUTEX can be customized for upcoming projects.

AGRUTex 080 is a polypropylene, staple fiber, needle punched nonwoven geotextile. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

ARGUTex 080 standard products conform to the property values listed below.¹ AGRU America's Laboratories are accredited by the Geosynthetic Accreditation Institute's Laboratory Accreditation Program (GAI-LAP).

Property	Test Method	Frequency	Minimum Average Roll Values	
			Imperial	Metric
Physical				
Mass/Unit Area	ASTM D-5261	-	8 oz/yd ²	271 g/m ²
Mechanical				
Tensile Strength (Grab)	ASTM D-4632	100,000 SF	205 lbs	910 N
Elongation	ASTM D-4632	100,000 SF	50%	50%
CBR Puncture	ASTM D-6241	500,000 SF	500 lbs	2.2 kN
Trapezoidal Tear	ASTM D-4533	100,000 SF	80 lbs	359 N
Endurance				
UV Resistance % Retained at 500 hrs	ASTM D-4355	Formulation	70%	70%
Hydraulic²				
Apparent Opening Size ³ (AOS)	ASTM D-4751	500,000 SF	80 US Std. Sieve	0.180 mm
Permittivity, sec ⁻¹	ASTM D-4491	500,000 SF	1.1	1.1
Water Flow Rate	ASTM D-4491	500,000 SF	90 g/min/ft ²	3675 l/min/m ²
Roll Sizes			15ft x 600ft	4.6m x 183m

Notes:

1. Effective February 2018 and subject to change without notice.
2. Values established at the time of manufacturing. Handling, storage, and shipping may change these properties.
3. Apparent Opening Size, (AOS), reported as maximum average roll value.

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by AGRU America as to the effects of such use or the results to be obtained, nor does AGRU America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.



AGRUTex® 100

NONWOVEN GEOTEXTILE

AGRUTex is well-suited to exceed civil engineering project requirements and is capable of filling roles in areas like filtration, drainage, and separation. The nonwoven geotextile is available in weight classes ranging between 4 and 34 oz/yd². For heavy-duty applications, 16 oz/yd² AGRUTEX serve to reinforce structural elements like soil banks to help prevent erosion along rivers and the coast. For operations requiring a filtration element, 4 oz/yd² AGRUTEX is useful to collect larger particulates from fluids before your drainage system becomes infiltrated with soil particles. Because AGRUTEX is so customizable, there are dozens of applications across a host of civil engineering applications. For this reason, AGRU encourages and welcomes inquiries about how AGRUTEX can be customized for upcoming projects.

AGRUTex 100 is a polypropylene, staple fiber, needle punched nonwoven geotextile. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

ARGUTex 100 standard products conform to the property values listed below.¹ AGRU America's Laboratories are accredited by the Geosynthetic Accreditation Institute's Laboratory Accreditation Program (GAI-LAP).

Property	Test Method	Frequency	Minimum Average Roll Values	
			Imperial	Metric
Physical				
Mass/Unit Area	ASTM D-5261	-	10 oz/yd ²	339 g/m ²
Mechanical				
Tensile Strength (Grab)	ASTM D-4632	100,000 SF	250 lbs	1113 N
Elongation	ASTM D-4632	100,000 SF	50%	50%
CBR Puncture	ASTM D-6241	500,000 SF	700 lbs	3.1 kN
Trapezoidal Tear	ASTM D-4533	100,000 SF	100 lbs	450 N
Endurance				
UV Resistance % Retained at 500 hrs	ASTM D-4355	Formulation	70%	70%
Hydraulic²				
Apparent Opening Size ³ (AOS)	ASTM D-4751	500,000 SF	100 US Std. Sieve	0.150 mm
Permittivity, sec ⁻¹	ASTM D-4491	500,000 SF	1.0	1.0
Water Flow Rate	ASTM D-4491	500,000 SF	75 g/min/ft ²	3056 l/min/m ²
Roll Sizes			15ft x 525ft	4.6m x 160m

Notes:

1. Effective February 2018 and subject to change without notice.
2. Values established at the time of manufacturing. Handling, storage, and shipping may change these properties.
3. Apparent Opening Size, (AOS), reported as maximum average roll value.

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by AGRU America as to the effects of such use or the results to be obtained, nor does AGRU America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.



AGRUTex® 120

NONWOVEN GEOTEXTILE

AGRUTex is well-suited to exceed civil engineering project requirements and is capable of filling roles in areas like filtration, drainage, and separation. The nonwoven geotextile is available in weight classes ranging between 4 and 34 oz/yd². For heavy-duty applications, 16 oz/yd² AGRUTEX serve to reinforce structural elements like soil banks to help prevent erosion along rivers and the coast. For operations requiring a filtration element, 4 oz/yd² AGRUTEX is useful to collect larger particulates from fluids before your drainage system becomes infiltrated with soil particles. Because AGRUTEX is so customizable, there are dozens of applications across a host of civil engineering applications. For this reason, AGRU encourages and welcomes inquiries about how AGRUTEX can be customized for upcoming projects.

AGRUTex 120 is a polypropylene, staple fiber, needle punched nonwoven geotextile. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

ARGUTex 120 standard products conform to the property values listed below.¹ AGRU America's Laboratories are accredited by the Geosynthetic Accreditation Institute's Laboratory Accreditation Program (GAI-LAP).

Property	Test Method	Frequency	Minimum Average Roll Values	
			Imperial	Metric
Physical				
Mass/Unit Area	ASTM D-5261	-	12 oz/yd ²	407 g/m ²
Mechanical				
Tensile Strength (Grab)	ASTM D-4632	100,000 SF	300 lbs	1330 N
Elongation	ASTM D-4632	100,000 SF	50%	50%
CBR Puncture	ASTM D-6241	500,000 SF	800 lbs	3.6 kN
Trapezoidal Tear	ASTM D-4533	100,000 SF	115 lbs	510 N
Endurance				
UV Resistance % Retained at 500 hrs	ASTM D-4355	Formulation	70%	70%
Hydraulic²				
Apparent Opening Size ³ (AOS)	ASTM D-4751	500,000 SF	100 US Std. Sieve	0.150 mm
Permittivity, sec ⁻¹	ASTM D-4491	500,000 SF	0.8	0.8
Water Flow Rate	ASTM D-4491	500,000 SF	70 g/min/ft ²	2852 l/min/m ²
Roll Sizes			15ft x 405ft	4.6m x 123m

Notes:

1. Effective February 2018 and subject to change without notice.
2. Values established at the time of manufacturing. Handling, storage, and shipping may change these properties.
3. Apparent Opening Size, (AOS), reported as maximum average roll value.

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by AGRU America as to the effects of such use or the results to be obtained, nor does AGRU America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.



AGRUTex® 160

NONWOVEN GEOTEXTILE

AGRUTex is well-suited to exceed civil engineering project requirements and is capable of filling roles in areas like filtration, drainage, and separation. The nonwoven geotextile is available in weight classes ranging between 4 and 34 oz/yd². For heavy-duty applications, 16 oz/yd² AGRUTEX serve to reinforce structural elements like soil banks to help prevent erosion along rivers and the coast. For operations requiring a filtration element, 4 oz/yd² AGRUTEX is useful to collect larger particulates from fluids before your drainage system becomes infiltrated with soil particles. Because AGRUTEX is so customizable, there are dozens of applications across a host of civil engineering applications. For this reason, AGRU encourages and welcomes inquiries about how AGRUTEX can be customized for upcoming projects.

AGRUTex 160 is a polypropylene, staple fiber, needle punched nonwoven geotextile. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

ARGUTex 160 standard products conform to the property values listed below.¹ AGRU America's Laboratories are accredited by the Geosynthetic Accreditation Institute's Laboratory Accreditation Program (GAI-LAP).

Property	Test Method	Frequency	Minimum Average Roll Values	
			Imperial	Metric
Physical				
Mass/Unit Area	ASTM D-5261	-	16 oz/yd ²	544 g/m ²
Mechanical				
Tensile Strength (Grab)	ASTM D-4632	100,000 SF	380 lbs	1690 N
Elongation	ASTM D-4632	100,000 SF	50%	50%
CBR Puncture	ASTM D-6241	500,000 SF	1025 lbs	4.6 kN
Trapezoidal Tear	ASTM D-4533	100,000 SF	140 lbs	623 N
Endurance				
UV Resistance % Retained at 500 hrs	ASTM D-4355	Formulation	70%	70%
Hydraulic²				
Apparent Opening Size ³ (AOS)	ASTM D-4751	500,000 SF	100 US Std. Sieve	0.150 mm
Permittivity, sec ⁻¹	ASTM D-4491	500,000 SF	0.5	0.5
Water Flow Rate	ASTM D-4491	500,000 SF	45 g/min/ft ²	1833 l/min/m ²
Roll Sizes			15ft x 300ft	4.6m x 92m

Notes:

1. Effective February 2018 and subject to change without notice.
2. Values established at the time of manufacturing. Handling, storage, and shipping may change these properties.
3. Apparent Opening Size, (AOS), reported as maximum average roll value.

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by AGRU America as to the effects of such use or the results to be obtained, nor does AGRU America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.

