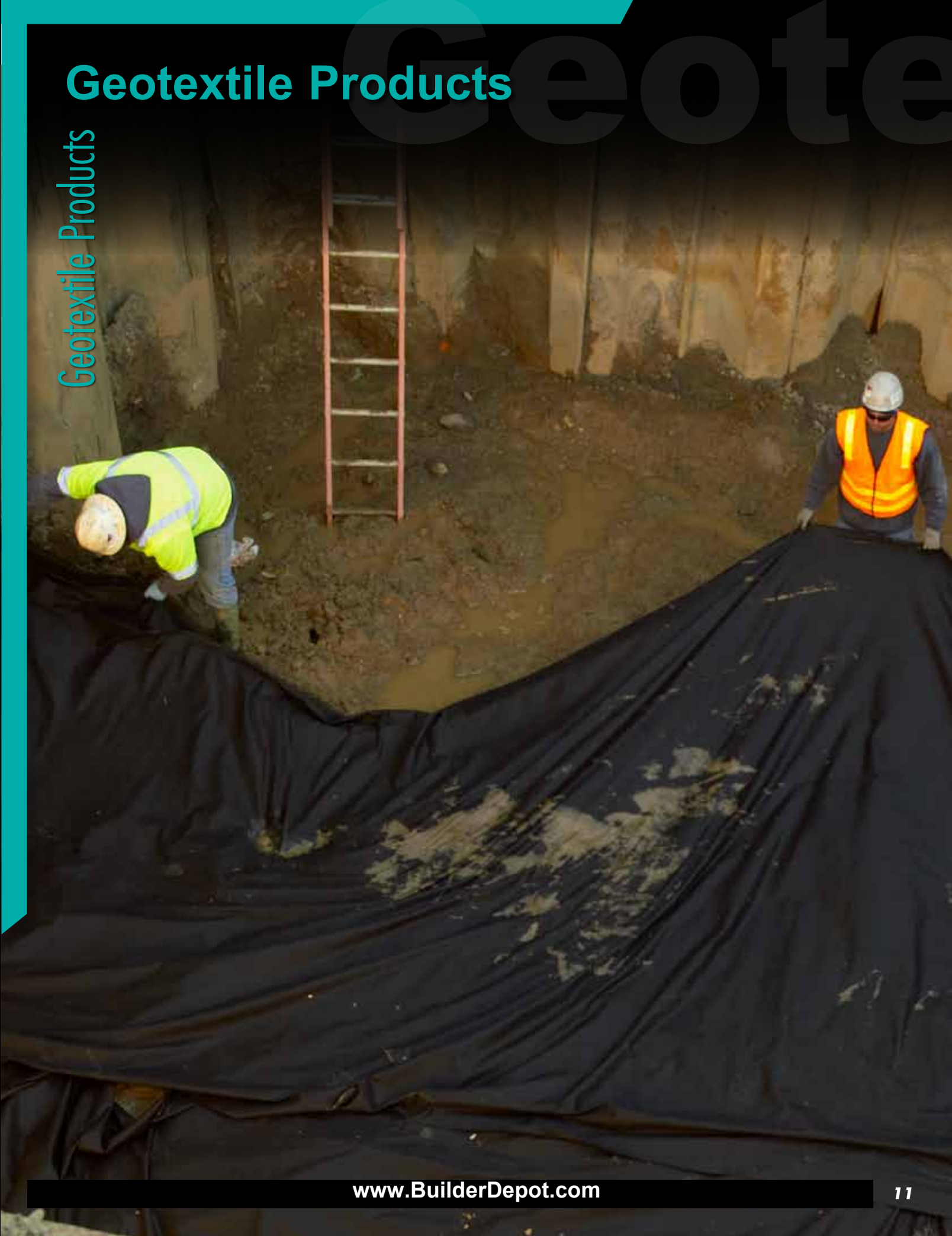


# Geotextile Products

Geotextile Products



# Geotextile Products Non Woven



## Mutual Non-Wovens

Mutual's non-wovens are available in cut rolls. NW35 is in stock in the following sizes: 7-1/2' x 300', 6' x 300', 4' x 300', 3' x 300', 2' x 300'. All other non-wovens available in 12-1/2' x 360', and 15' x 300'.

MUTUAL NON-WOVENS									
USES	NW35	NW40	NW45	NW60	NW80	NW100	NW120	NW160	
Subsurface Drainage	X	X	X	X	X				Non-woven geotextiles used as a filter, allow subsurface water to pass into drainage core while preventing soil from clogging the system
Drainage Systems			X	X	X	X			When placed in contact with a Geonet or drainage stone non-woven geotextiles can filter soil and waste while allowing water and waste to pass
Liner Protection					X	X	X	X	Non-woven geotextiles protect liners from damage by sharp objects, elevating puncture impact and abrasion resistance
Asphalt Overlay	X	X	X	X					Absorb asphalt tack to form moisture barrier that retards reflective cracking
Railroad Stabilization			X				X	X	Putting a non-woven geotextile directly on a soft saturated subgrade extends road and rail life by preventing aggregate and ballast from intermixing with soil
Erosion Control					X	X	X	X	Non-woven geotextiles can help relieve hydrostatic pressure beneath hard armour and prevent subsurface soils from migrating through the erosion control system
Roadway Stabilization		X			X	X			Putting a non-woven geotextile directly on a soft saturated subgrade extends road and rail life by preventing aggregate and ballast from intermixing with soil
Waste Management					X	X			Non-woven geotextiles are used to separate layers and to protect liners in the landfills

Mutual Non-Woven Specifications		NW35	NW40	NW45	NW60	NW80	NW100
Grab Tensile Strength	ASTM D-4632	90 lbs.	105 lbs.	120 lbs.	165 lbs	215 lbs	270 lbs
Grab Elongation	ASTM D-4632	50%	50%	50%	50%	50%	50%
Trapezoid Tear	ASTM D-4533	35 lbs.	45 lbs.	50 lbs.	90 lbs	85 lbs	100 lbs
Puncture	ASTM D-4833	55 lbs.	60 lbs.	65 lbs	90 lbs	115 lbs	150 lbs
Mullen Burst	ASTM D-3786	185 PSI	210 PSI	230 PSI	310 PSI	360 PSI	450 PSI
Permittivity	ASTM D-4491	2.2 SEC-1	2.2 SEC	1.5 SEC-1	1.1 SEC	1.0 SEC	.7 SEC
Permeability	ASTM D-4491	.2 CM/SEC	.2 CM/SEC	.25 CM/SEC	.2 CM/SEC	.25 CM/SEC	.25 CM/SEC
A.O.S.	ASTM D-4751	.21 US Sieve	70 US Sieve	70 US Sieve	80 US Sieve	80 US Sieve	100 US Sieve
Water Flow	ASTM D-4491	110 gpm/ft2	150 gpm/ft2	120 gpm/ft2	80 gpm/ft2	65 gpm/ft2	55 gpm/ft2
U.V. Resistance (500 hr)	ASTM D-4355	70%	70%	70%	70%	70%	70%
Weight (oz/sq yd)	ASTM D-5261	3.5 oz	4 oz	4.5 oz	6 oz	8 oz	10 oz



# Geotextile Products Woven



**WF315**

**WF200**

**GC125**

## MUTUAL WOVENS

USES	GC125	WF200	WF315	
Ground Cover	X			Woven geotextiles are used to hold soil in place. They can also be used under Rip Rap, Gabions or precast block. Woven geotextiles are a time and money saving alternative to traditional methods using graded aggregate or sand filters.
Separation		X	X	To prolong surface life and stabilize the foundation.
Stabilization		X	X	Woven geotextiles provide a rugged separation layer between aggregate and subgrade.

Mutual Woven Specifications		GC125 GROUND COVER	WF200 WOVEN GEOTEXTILE	WF315 WOVEN GEOTEXTILE
Grab Tensile Strength	ASTM D-4632	125 lbs.	200 lbs.	315 lbs.
Grab Elongation	ASTM D-4632	15%	15%	15%
Trapezoid Tear	ASTM D-4533	70 lbs.	75 lbs.	120 lbs.
Puncture	ASTM D-4833	68 lbs.	100 lbs.	120 lbs.
Mullen Burst	ASTM D-3786	291 PSI	400 PSI	600 PSI
Permittivity	ASTM D-4491	.07 SEC	.07 SEC	.05 SEC
Permeability	ASTM D-4491	—	.005 CM/SEC	.005 CM/SEC
A.O.S.	ASTM D-4751	40 US Sieve	40 US Sieve	40 US Sieve
Water Flow	ASTM D-4491	—	—	4.0 gpm/ft <sup>2</sup>
U.V. Resistance (500 hr)	ASTM D-4355	90%	90%	90%

## Tire Scrubb Fabric (Driveway Kit)

### Part# 200-125-54

The WF200 12 1/2' x 54' fabric is placed under aggregate and stabilizes the ground to be used as a tire scrub for trucks entering or leaving a job site. The purpose of a stabilized entrance is to reduce or eliminate the tracking of sediment onto public right of ways and streets. Reducing tracking of sediments and pollutants onto paved roads help prevent deposition of sediments into local storm drains and production of airborne dust.

## Mutual Wovens

Mutual's wovens are available in cut rolls in the following sizes:

WF200: 12-1/2' x 432', 15' x 360', 17-1/2' x 309', 30' x 300', 36' x 300', 42' x 300' and 72' x 300'

WF315: 12-1/2' x 360'

GC125: 3' x 300', 4' x 300', 6' x 300', 12' x 300'



## Sod Staples

### Part# 17685

Ideal for keeping blankets in place, these metal staples are available in 11 gauge 4" and 6" sizes and in 8 gauge 8" and 12" sizes.



## Fabric Pins

### Part# 17686

Ideal for fastening landscape fabric and ground cover. Available in 12" and 18" lengths, 100 per box.