

# NON WOVEN STABILIZATION FABRIC

## SPECIFICATIONS:

- Non Woven Geotextile
- Polypropylene Fabric

## SUBSURFACE DRAINAGE (42590 & 42850):

Non-Woven geotextiles used as a filter, allowing subsurface water to pass into drainage core while preventing soil from clogging the system.

## ASPHALT OVERLAY (42590 & 42850):

Absorb asphalt tack to form a moisture barrier that retards reflective cracking.

## ROADWAY STABILIZATION (42590):

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.



		<b>42850</b>	<b>42590</b>
<b>FABRIC WEIGHT:</b>	ASTM D5261	3.5oz	4oz
<b>GRAB TENSILE STRENGTH:</b>	ASTM D4631	90 lbs	105 lbs
<b>GRAB TENSILE ELONGATION:</b>	ASTM D4632	50%	50%
<b>MULLEN BURST STRENGTH:</b>	ASTM D3786	185 PSI	210 PSI
<b>PUNCTURE STRENGTH:</b>	ASTM D4833	55 lbs	60 lbs
<b>TRAPEZOIDAL TEAR:</b>	ASTM D4533	35 lbs	45 lbs
<b>PERMITTIVITY:</b>	ASTM D4491	2.2 SEC-1	2.2 SEC
<b>PERMEABILITY:</b>	ASTM D4491	.2 CM/SEC	.2 CM/SEC
<b>A.O.S.:</b>	ASTM D4751	.21 US Sieve	70 US Sieve
<b>WATER FLOW:</b>	ASTM D4491	110 gpm/ft <sup>2</sup>	150 gpm/ft <sup>2</sup>
<b>U.V. RESISTANCE (500 hr):</b>	ASTM D4355	70%	70%