

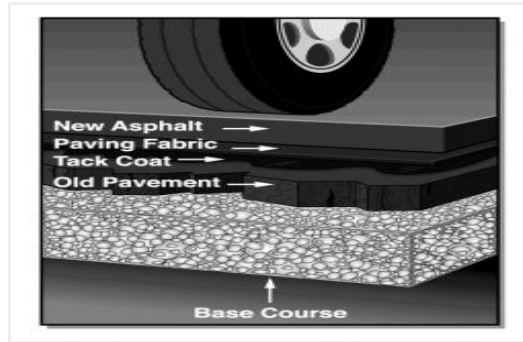
# GEO 3.8-90P

## Nonwoven Geotextile



**GeoCHEM**  
INCORPORATED

GEO 3.8-90P is a nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. Primarily used in asphalt overlay applications, GEO 3.8-90P will act as a moisture barrier and will retard reflective cracking when installed properly. GEO 3.8-90P resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 3.8-90P meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	3.8 oz/sy	129 g/sm
Tensile Strength	ASTM D-4632	90 lbs	401 N
Elongation @ Break	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	275 lbs	1,224 N
Puncture Strength*	ASTM D-4833*	55 lbs	245 N
Trapezoidal Tear	ASTM D-4533	35 lbs	155 N
Asphalt Retention	ASTM D-4160	0.20 gal/sy	0.91 sm
Melting Point	ASTM D-276	300 F	149 C
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

ROLL SIZE	AREA	WEIGHT
6.25' x 360'	250 sqy	90 lbs
10.5' x 360'	420 sqy	135 lbs
12.5' x 360'	500 sqy	150 lbs
15' x 360'	600 sqy	170 lbs

\* Historical averages (current values not available): Mullen Burst Strength ASTM D3786 is no longer recognized by ASTM D-35 on Geosynthetics as an acceptable test method. Puncture Strength ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.

This information is provided for reference only and is not intended as a warranty or guarantee. GeoCHEM, Inc. assumes no liability in connection with the use of this information (1/2013).

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