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NW 35 NON-WOVEN GEOTEXTILE

This letter is to certify that the NW 35, a non-woven polypropylene fabric supplied by Mutual Industries, meets the fabric properties listed below:

Grab Tensile Strength:	ASTM D-4632	90 LBS
Grab Elongation:	ASTM D-4632	50 %
Trapezoid Tear:	ASTM D-4533	35 LBS
Puncture:	ASTM D-4833	55 LBS
Mullen Burst:	ASTM D-3786	185 PSI
Permittivity:	ASTM D-4491	2.2 SEC-1
Permeability:	ASTM D-4491	.2 CM/SEC
A.O.S.	ASTM D-4751	.21 US Sieve
Water Flow Rate	ASTM D-4491	110 GPM/FT 2
U.V. Resistance (500 hr)	ASTM D-4355	70 %



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Non-woven geotextiles are multi-purpose fabrics that are felt-like in appearance. There are numerous practical applications for non-woven geotextiles. Non-woven drainage fabrics are an economical alternative to graded aggregate and sand filters and can eliminate many of the problems associated with using, purchasing and transporting aggregate.

Another use for a non-woven geotextile is as asphalt overlay fabric. Overlay fabric increases pavement life by providing a solution for reflective cracking. In addition, non-woven geotextiles are used in landscaping applications such as landscape fabric to retard weed growth. They are also useful for separation, performing well under such diverse applications as paver walkways or railroad track. As cow carpet, they provide farmers with a solution to mud problems and improve animal health.

Mutual Industries' full line of non-woven geotextile products are made from staple filaments of polypropylene fiber and are needle-punched and heat set. They range from light weight (3 to 6 oz/sy), to medium weight (6 to 10 oz/sy), to heavy weight (10 to 16 oz/sy).