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## SRW NW4.5

To Whom It May Concern:

This letter is to certify that SRW Products Manufactures/Supplies a 100% Polypropylene Non-Woven produced by needle punching staple fibers in a random network to form a high strength dimensionally stable fabric. The polypropylene material is specially formulated to resist ultraviolet light deterioration and is inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. **This Fabric is MADE IN THE USA.**

SRW NW4.5 meets or exceeds the physical property values listed below.

Fabric Property	Test Method	Units	Minimum Average Roll Value
Weight (Typical)		oz/sy	4.5
Grab Tensile	ASTM D 4632	lbs.	120 (0.553 kN)
Grab Elongation	ASTM D 4632	%	50
Trap-Tear Strength	ASTM D 4533	lbs.	50 (.222 kN)
CBR Puncture	ASTM D 6241	lbs.	340 (1.512 kN)
Permittivity	ASTM D 4491	sec <sup>-1</sup>	1.7
Water Flow	ASTM D 4491	gpm/ft <sup>2</sup>	135 (5500 l/min/sm)
UV Resistance	ASTM D 4355	%	70/500 hrs.
AOS	ASTM D 4751	US Sieve	#70 (.212 mm)

Values Provided represent expected values at time of manufacture. This document provides the characteristic properties of the product described. Product packaging will clearly state either SRW NW4.5 or SR045, verifying that it is NW4.5 inside.

Regards,