

NCDOT - Silt Fence

SF 2 is a geotextile fabric composed of polypropylene tape yarn. The polypropylene yarns are specially formulated to resist ultraviolet light deterioration, and are 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. Polypropylene is stable within a pH range of 2 to 13. SF 2 conforms to the physical property values listed below.

Fabric Property	Test Method	Units	Minimum Average Roll Value
Grab Tensile	ASTM D 4632	lbs.	100
Grab Elongation	ASTM D 4632	%	20
Trap Tear	ASTM D 4533	lbs.	45
Puncture	ASTM D 4833	lbs	50
Mullen Burst	ASTM D 3786*	psi	200
Permittivity*	ASTM D 4491	1/sec	.10
Water Flow*	ASTM D 4491	gpm/sqft	15
AOS	ASTM D 4751	U.S. Sieve	30
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	90

Packaging

Roll Dimensions-Foot
Square Yards Per Roll
Estimated Roll Weight-Lbs.

3' x 330' / 3' x 1500' / 3' x 9000'

* At time of manufacturing, handling may change these properties.

To the best of our knowledge, the information contained herein is accurate. However, Kale Enterprises, Inc. cannot anticipate all conditions under which SF product information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety or suitability of our products either alone or in combination with other products. Final determination of the suitability of any information or material for the use contemplated, of its manner of use, and whether the suggested use infringes any patents is the sole responsibility of the user.

Orange Plastic Barrier Fence

This letter certifies that our Orange Plastic Barrier Fence meets the requirements for Plastic Barrier Fence that meets DOT standards. The average laboratory test values are as follows:

Material	Polypropylene
Roll size	4' x100' (width x length)
Color	Orange
Outside dia. Per roll	15cms -16cms
Packing	25 rolls per bundle
Mesh	25mm x100mm
Roll weight	10 Lbs (+/- 10%)
Quantity in 40' container	About 3,300 rolls
Country origin	

Unless otherwise noted, this certification is based on testing conducted by our Quality Assurance & Quality Control testing laboratories at the time of manufacturing. L & M Supply Co., Inc. issued this letter of certification to indicate our commitment to providing our customers with a quality product which will meet or exceed the minimum average roll values in accordance with the applicable American Society for Testing and Materials (ASTM) test method.

Respectfully,

Quincy McMillan