



Synteen Technical Fabrics, Inc.

# SYNTEEN

## SP300

### HIGH STRENGTH POLYPROPYLENE GEOTEXTILE FABRICS

**SP300** is composed of high molecular weight, high tenacity multifilament polyester yarns that are woven into a stable network placed under tension. Synteen SC Fabrics are inert to biological degradation and are resistant to naturally encountered chemicals, alkalis and acids.

REINFORCEMENT PROPERTIES		TEST METHOD	MARV VALUES
			Lb/ft.
Grab Tensile Strength	MD	ASTM D 4595	400
	XMD		315
Elongation		ASTM D 4632	15 %
Wide Width Tensile Strength	MD	ASTM D 4595	3,600
	XMD		2,700
Wide Width Elongation		ASTM D 4595	12 x 8 %
Tensile Strength at 5% Strain	MD	ASTM D 4595	1,500
	XMD		1,560
Flow Rate		ASTM D 4491	50 gal/min/ft <sup>2</sup>
Permittivity		ASTM D 4491	0.70 sec <sup>-1</sup>
Apparent Opening Size (AOS)		ASTM D 4751	40 U.S. Std. Sieve
Mullen Burst Strength		ASTM D 3786	800 psi
Trapezoidal Tear		ASTM D 4533	170 lb x 125 lb
Puncture Strength		ASTM D 4833	180 lbs.
Ultraviolet Resistance (500 Hours)		ASTM D 4355	80 %
PHYSICAL PROPERTIES		UNIT	VALUES
Roll Dimensions (width x length)		Feet	15' x 300'
Roll Area		Square Yards	500

**SYNTEEN Technical Fabrics, Inc Warranty:** Synteen Technical Fabrics warrants our products to be free from defects in material and workmanship when delivered to our customers and that our products meet our published specifications. If a product is found to be defective, and our customer gives notice to Synteen Technical Fabrics before installing the product, Synteen Technical Fabrics will replace the product without charge to our customer or refund the purchase price at Synteen Technical Fabrics election. Replacing the product or obtaining a refund are the buyer's sole remedy for a breach and Synteen Technical Fabrics will not be liable for any consequential damage attributed to a defective product. This warranty is given in lieu of all other warranties, express or implied, including the implied warranty of merchantability or fitness for a particular purpose. There are no warranties which extend beyond the description provided herein.