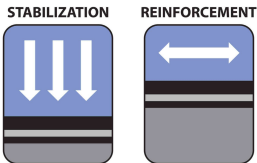




# Synteon SC30K

Woven High Strength Polyester



Synteon SC30K is composed of high molecular weight, high tenacity multifilament polyester yarns that are woven into a stable network placed under tension. Synteon SC30K is inert to biological degradation and is resistant to naturally encountered chemicals, alkalis and acids.



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-4595</u>	30,000 lbs/ft	437.8 kN/m
Tensile Strength @ 5 % Strain	<u>ASTM D-4595</u>	12,000 lbs/ft	175.1 kN/m
(LTDS) Long Term Design Strength	GRI-GT7	15,306 lbs/ft	223.4 kN/m
Partial Factor -Environmental Effects Environment, 3 < pH < 9	GRI-GG7, GRI-GG8)	1.1 RFd	1.1 RFd
Partial Factor -Installation Damage (sand/silt/clay)	ASTM D 5818	1.18 RFid	1.18 RFid
Reduction Factor - Creep		1.51	1.51

## Synteon SC30K Shipping & Packaging Information

SIZE	WIDTH	AREA
16.4' x 300'	16.4'	546.67 y <sup>2</sup>