



Synteen SC41K is composed of high molecular weight, high tenacity multifilament polyester yarns that are woven into a stable network placed under tension. Synteen SC41K is inert to biological degradation and is resistant to naturally encountered chemicals, alkalis and acids.



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	ASTM D-4595	41,160 lbs/ft	600.7 kN/m
Tensile Strength @ 5 % Strain	ASTM D-4595	14,400 lbs/ft	210.2 kN/m
(LTDS) Long Term Design Strength	GRI-GT7	21,000 lbs/ft	306.5 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

Synteen SC41K Shipping & Packaging Information

SIZE	WIDTH	AREA
16.4' x 300'	16.4'	546.67 y²