

TECHNICAL DATA SHEET

SX-Reinforcement 1 & SX-Filtration Series



Product	Woven Slit Film / Monofilament
Composition	Polypropylene
Main Function	Reinforcement / Filtration

Property	Test Method	Unit	Texel SX-60T	Texel SX-90T	Texel SX-110T*	Texel SX-130T*	Texel SX-104F	Texel SX-111F	Texel SX-117F									
Physical																		
Product Type	-	-	Woven Slit Film Geotextile								Woven Monofilament Geotextile							
Main Function	-	-	Reinforcement								Filtration							
Mechanical																		
Tensile Strength	ASTM D4632	N lb	600	135	890	200	1113	250	1402	315	1647 x 1112	370 x 250	1 624 x890	365 x 200	1557 x 1246	350 x 280		
Elongation at Break	ASTM D4632	%	15		15		15		15		15 x 15		24 x 10		24 x 15			
Trapezoidal Tear	ASTM D4533	N lb	245	55	333	75	400	90	533	120	445 x 267	100 x 60	512 x 334	115 x 75	489 x 423	110 x 95		
CBR Puncture	ASTM D6241	N lb	1691	380	3115	700	3338	750	4005	900	4226	950	3003	675	3937	885		
UV Resistance	ASTM D4355	%/500h	70								90		90		80			
Hydraulic																		
Flow Rate	ASTM D4491	L/min/m² G/min/ft²	163	4	204	5	163	4	163	4	733	18	5908	145	8149	200		
Permittivity	ASTM D4491	sec ⁻¹	0.05								0.28		2.10		1.50			
AOS ⁽¹⁾	ASTM D4751	µm us sieves	600 30								212		70		425	40	600	30
Percent Opening Area(POA)	CW-02215 Mod ⁽²⁾	%	-		-		-		-		4		10		17			
Dimensions ⁽³⁾																		
Width	-	m ft	3.81 12.5								3.66		12	3.81	12.5	3.66	12	
Length	-	m ft	131.67 432				110 360				91.44 300							

This technical information comes from the manufacturer and was transcribed by Texel.
Values are based on minimum average roll values (MARV) except when specified. The values entered are values obtained at the time of manufacture. Handling and storage conditions may change some properties.
* SX-110T and SX-130T comply with the requirements for Class II and Class I woven geotextiles, respectively, as per the AASHTO M288-21 standard.
1-Maximum average roll value / 2-Army Corp of Engineers test method correlated to light emitted through fabric. (Area of opening/total area x 100%)
3-Standard dimensions presented. Check the available dimensions with customer service.

Revision : 2025-03-05

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