

BX11 is for Reinforced Soil Slope (RSS) face wrap applications like stone wrap face as well as a geogrid reinforcement for subsoils and roadway base materials to improve their long term stability in structural load bearing applications. BX11 is manufactured with stress resistant polypropylene material. The geogrid is engineered to be both mechanically and chemically durable. Below are the Index Property test values. MADE IN THE USA.

Minimum Average Roll Values

	<u>MD Values</u>		<u>XMD Values</u>	
Ultimate Tensile Strength ASTM D6637-lb/ft (kN/m)	850	(12.4)	1,300	(19.0)
Tensile Strength at 2% Strain ASTM	280	(4.1)	450	(6.6)
Tensile Strength at 5% Strain ASTM	580	(8.5)	920	(13.4)
Junction Efficiency	93	%	93	%
Flexural Stiffness	250000	mg-cm	250000	mg-cm
Aperture Stability	3.2	kg-cm/deg	3.2	kg-cm/deg
Aperture Dimensions inches	1.0	(25)	1.3	(33)
Minimum Rib Thickness inches (mm)	0.03	(0.76)	0.03	(0.76)
Roll Size	328 ft (100 m) 456 sy (380 sm)		12.5 ft (3.8 m)	
Roll Weight	252 lbs (115 kg)			
Resistance to Installation Damage	95 % SC / 93% SW / 90% GP			

ASTM D5818 & D6637 SC-Clayey Sand SW-Well Graded Sand GP-Poorly Graded Gravel

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