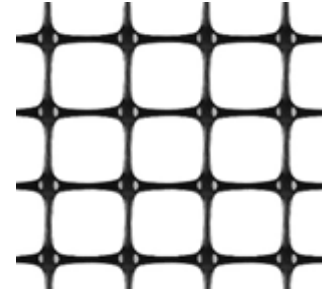


GEOGRID
POLGRID BX 45/45



PROPERTIES	TEST METHOD	IMPERIAL			METRICS		
		UNIT	VALUE	TOLERANCE	UNIT	VALUE	TOLERANCE
MATERIAL							
Material	Polymer PP						
Unit Weight		oz/ft ²	1.8	±0.18	g/m ²	550	±55
Minimum carbon black		%	2		%	2	
MECHANICAL							
Peak tensile strength	EN ISO 10319	lb/ft	3289/3289	-206	kN/m	48/48	-3
Tensile strength at 2% strain MD/CMD	EN ISO 10319	lb/ft	1165/1165		kN/m	17/17	
Tensile strength at 5% strain MD/CMD	EN ISO 10319	lb/ft	2398/2398		kN/m	35/35	
Elongation at MAX load							
Along the band	EN ISO 10319	%	11	±1.5	%	11	±1.5
Band width			10	±1.5		10	±1.5
Junction efficiency	EN ISO 10319	%	100		%	100	
PHYSICAL							
Durability	Predicted to be durable for a minimum of 100 years in natural soils with 4< pH <9 and at soil temperatures <77°F (25°C) on the basis of durability assessment report BTTG 10/23388 and related test results To be covered within 1 month after installation						
Aperture size - MD		in	1.38	±0.12	mm	35	±3
Aperture size - CMD		in	1.38	±0.12	mm	35	±3
DELIVERY							
Roll length		ft	98.4	±1%	mm	30	±1%
Roll width		ft	13.1	±1%	mm	4	±1%

