

KEYTEC 295

Polyethylene Coated Woven Polyethylene

CONSTRUCTION

Roll size : 2.05 x 100/200/300/500

Fabrication to any given size.

Contains ultraviolet inhibitors and is suitable for exposed applications.

Resistant to Japanese Knotweed.

SUGGESTED SPECIFICATION

Keytec 295 is constructed from high density polyethylene tapes coated with low density polyethylene to both faces. It has a mass per unit area of $>290\text{gm}^2$ and tensile elongation not greater than 24% ASTMD 751.

MATERIAL SPECIFICATION

PROPERTY	UNIT		VALUE	TEST METHOD
Unit weight	g/m ²		295	ASTM D3776
Thickness (2 KN/m ² pressure)	mm		0.6	BS EN 964-1-95
Astm tapes	MD	10cm	48	ASTM D3776
	CD		48	ASTM D3776
Tensile grab strength	MD	N	1180	ASTM D751
	CD		1200	ASTM D751
Tear strength * (tongue)	MD	N	300	ASTM D2261
	CD		400	ASTM D2261
Tensile strength	MD	kN/m	28	BSEN ISO 10319
	CD	kN/m	38.6	BSEN ISO 10319
Tensile elongation	%		23.6	ASTM D751
Elongation at strain	MD	%	14.1	BSEN ISO 10319
	CD	%	15.4	BSEN ISO 10319
Puncture resistance	kN		4.13	BSEN ISO 12236
Transverse direction	mm		33.4	BSEN ISO 12236
Scrim colour	black			
Coating thickness both sides	µm	black	65.3	ASTM D1777 MOD
Resistance to roots	DD			CENT TS 14416-2005



Keytec 295 is suitable for SWM Attenuation/Storage systems, containment and land capping, temporary lining, bio-piles, Japanese Knotweed, wildlife barriers and under pavement drainage lining.