HUITEX® GEOCELL SPECIFICATION TABLE

Material and Seam Properties

Properties	Test Method	Value	
Material		High Density Polyethylene with density >0.94g/cm	
Carbon Black Content	ASTM D1603	>1.50%	
Standard Color		Black (standard); color(applicable)	
Surface treatment		Smooth or textured (diamond sharp)	
Sheet Thickness	ASTM D5199	1.25mm (smooth) or 1.5mm (embossed textured)	
Perforation	Applicable	Shape of capsule (7.5mm x 20mm) or ϕ10mm round type	
Seam Properties	Cell Depth±3		Average Certified Cell Seam Strength
Short-term seam peel strength	50mm (2 in)		>760 N
	75mm (3 in)		>1060 N
	100mm(4 in)		>1420 N
	150mm(6 in)		>2130 N
	200mm(8 in)		>2840 N
Seam Hang Strength, Days	COE GL-86-19	Per 100mm seam shall sustain 72.5kg weight for at least 7 days, undergoing the variances from room temperature to 53℃ on one hour cycle.	

Dimension & Packing

Type	Welding distance	Single Cell/expension size		AREA PER SECTION
		WIDTH	LENGTH	
Model A	330mm	244mm	203mm	15.00 m2
Model B	660mm	488mm	406mm	30.00 m2
Model C	355mm	259mm	224mm	17.50 m2
Model D	710mm	510mm	475mm	36.50 m2
Model E	446mm	320mm	287mm	22.00 m2

This information is provided for reference purpose only and is not as a warranty or guarantee.
Huikwang Corporation (HKC) reserves the right to change the specifications contained herein without notice.

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