



INFINITY

POOL SURFACE

MADE IN NORTH AMERICA | BY CGT

TECHNICAL DATA SHEET

Thickness	Embossing	Colour
60 Mil	Smooth	5 Hue Palette

Main Applications

Geomembrane Waterproofing

Product description

Calendered flexible PVC film with reinforcing scrim
UV Resistant

General comments

Other colours, thicknesses, or embosses, can be developed on demand.

CGT LTD.

52 Middleton Rd.
Cambridge, Canada N1R 5T6
(519) 623-1630
www.cgtower.com

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General Properties`	Unit	Method	Typical Value
Thickness	%	ASTM D751	Nominal ± 8.0
Width	Inches	Measured on roll	As ordered ± 0.25
Physical Properties	Unit	Method	Typical Value
Tensile Strength at break	lbf	ASTM D751	200 min.
Elongation	%	ASTM D751	24 min.
Tear Strength	lbf	ASTM D751	35 min.
Adhesion Strength	lbf/in	ASTM D751	9.0 min.
Water Absorption	%	ASTM D570 (24 hrs at 23°C)	0.3 max.
Dimensional Stability	%	ASTM D1204 (60 min at 100°C)	1.0 max.
Resistance to Impact at Low Temperature	°C	ASTM D2136	-30
Volatility	%	ASTM D1203 (24 hrs at 70°C)	≤ 0.80
Puncture Resistance	lbf	ASTM D4833	125 min.
Specific Gravity	--	ASTM D792	1.23
Durability	Unit	Method	Typical value
Artificial Weathering	--	ASTM G155 (2500 hrs)	No cracking
Fungal Resistance	--	ASTM G21	No growth
Chlorine Resistance	--	Recommended water chemistry	Minimal colour change & polymer degradation resistance
Processing			
Hot Air Welding	Optimization needed depending on machine		
Storage & Handling			
Storage Temperature	We recommend indoor storage at room temperature (5°C – 25°C)		
Storage Time	We recommend storage time less than twelve months after production date		
Processing Temperature	Film should be stored at room temperature (max, 23°C, min. 24h) before processing		

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