

AquaFlex is a solvent, Latex and UV printable substrate designed for underwater branding and advertising for pools, ponds, various water features and aquascapes. To protect the inks underwater, UV liquid lamination is recommended. Once printed, AquaFlex can be positioned easily either by hand or with a pool brush. This product is engineered to lay flat and stay in position without the use of tape or adhesive. AquaFlex is made in the USA and is also recyclable. The blue backside of AquaFlex is made from recycled post-industrial pool liner. AquaFlex is available in 63" wide rolls.

Material Details

CHARACTERISTICS	TEST METHOD	TYPICAL RESULTS	UNITS
Tensile Strength	ASTM D882	>2000	psi
Tear Strength	ASTM D1004	>250	ppi
Thickness	SAE J882	50	mil
Specific Gravity	ASTM D792	1.27 ± 0.02	sg
Dimensional Stability	ASTM D1204	≤ 4.0	%
Cold Crack	ASTM D1790	No Crack	-20°F
Resistance to Fungus	ASM G21	No Growth	NA
Resistance to Bacteria	ASTM G22	No Growth	NA
Weathering, Xenon	ASM D1499	No Significant Loss of Properties	200 hrs
Weathering, QUV	ASM G53	No Significant Loss of Properties	1500 hrs
Abrasion Resistance	ASTM D4158	≤1.5	mg, wt loss

Applications

	Pool Graphics	Aquarium Graphics	Fountain Graphics	Aquascapes	Koi Ponds	Water Gardens
Applications	■	■	■	■	■	■

Ink Printability

Solvent	Eco Solvent	UV	UV Screen Printing	Latex	Dye Direct
■		■	■	■	

Available Sizes

Metric (m)	English (inches)
1.6	63

The information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. A legally binding guarantee of specific properties is not to be inferred from our specifications. They are given without guaranty and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)