PIXIU SOLUTIONS

POOL LINER

PRODUCT CATALOG

2026

For Distributors, Fabricators, Contractors, and Facility Developers



pixiusolutions.com | phone 519-753-2111

PIXIU SOLUTIONS

ADVANCED PVC MATERIALS ENGINEERED FOR LONG LIFE AND DEPENDABLE PERFORMANCE.



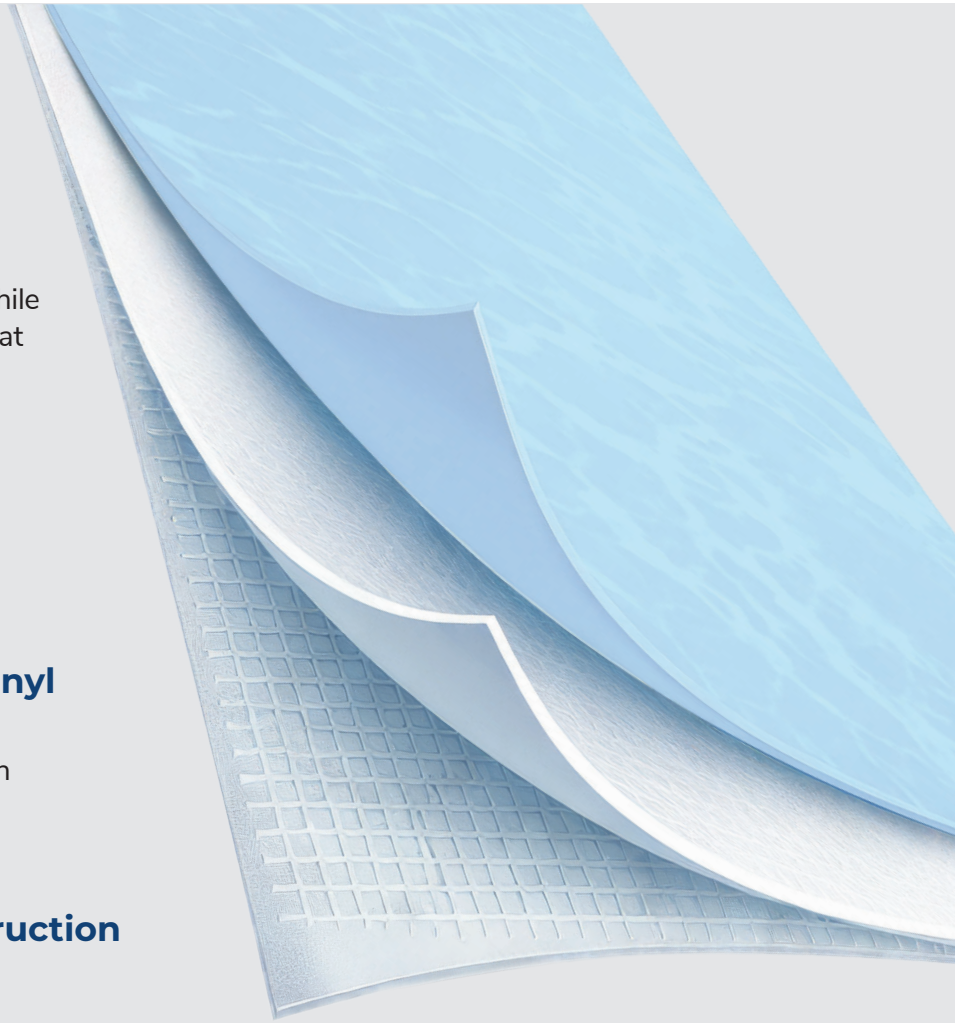
Built With Purpose

Pixiu Solutions strives to be exceptional in what it creates, delivering high-performance PVC membrane solutions built on innovation, quality, and trusted partnerships.

Leading What's Next

Leading by example in the development of durable, innovative PVC membrane technologies that improve product performance, extend lifecycle value, and raise expectations.

PIXIU OUTPERFORMS CONVENTIONAL MATERIALS COST-EFFECTIVELY



Multi-Layer Reinforced Technology

Pixiu focuses on delivering premium product durability and performance while maintaining efficient manufacturing that keeps costs competitive.

Protective Formulation

Targeted formulation designed to defend against abrasion, chemicals, staining, and UV exposure.

Built Beyond Traditional Vinyl

A reinforced PVC system designed to outperform conventional vinyl liners in durability and lifespan.

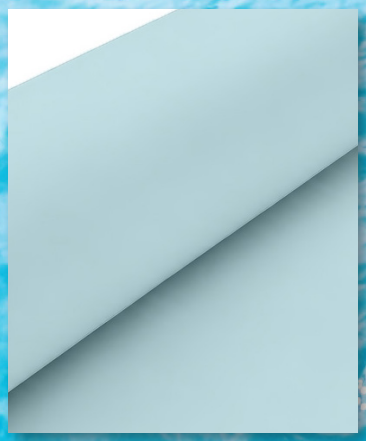
Strength In Product Construction

Uses polyester scrim for strength

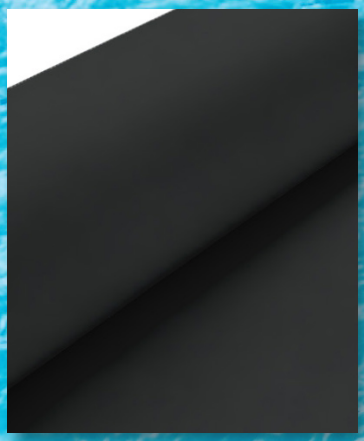
Industry Leading Warranty

Pixiu Solutions is pleased to offer a 20-year limited manufacturer warranty for 30mil and 60mil pool liners.

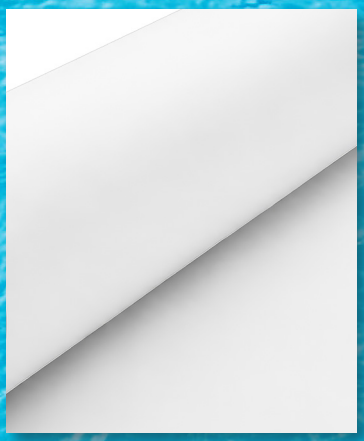
POOL LINER COLOR PALETTE



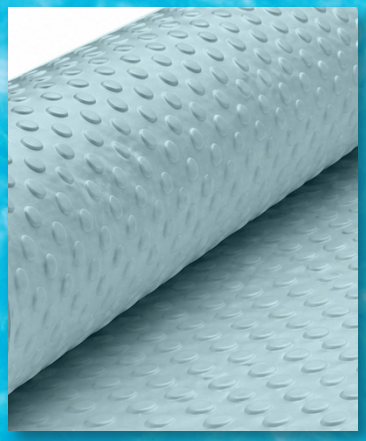
Light Blue



Black



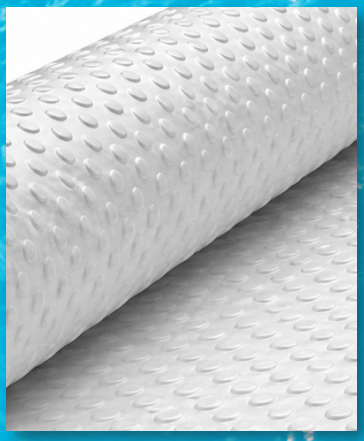
White



Textured Blue



Textured Black



Textured White

Custom Colors Available

60MIL REINFORCED POOL LINERS

Commercial-grade reinforced PVC pool liners available in multiple gauges, engineered for long service life, superior durability, and cost-effectiveness compared to traditional vinyl liners.



- **ANTI-MICROBIAL PROTECTION**
- **CHLORINE RESISTANT TECHNOLOGY**
- **COMMERCIAL-GRADE CONSTRUCTION**
- **HOT-AIR WELDABLE SYSTEM**

The material is welded into the pool for a custom fit, even around stairs and radius corners. Providing strength where it is needed, like your sun ledge and stairs, with no shrinkage or stretch due to the non-wick polyester reinforcement.

20 Year Product Warranty

60MIL REINFORCED POOL LINERS

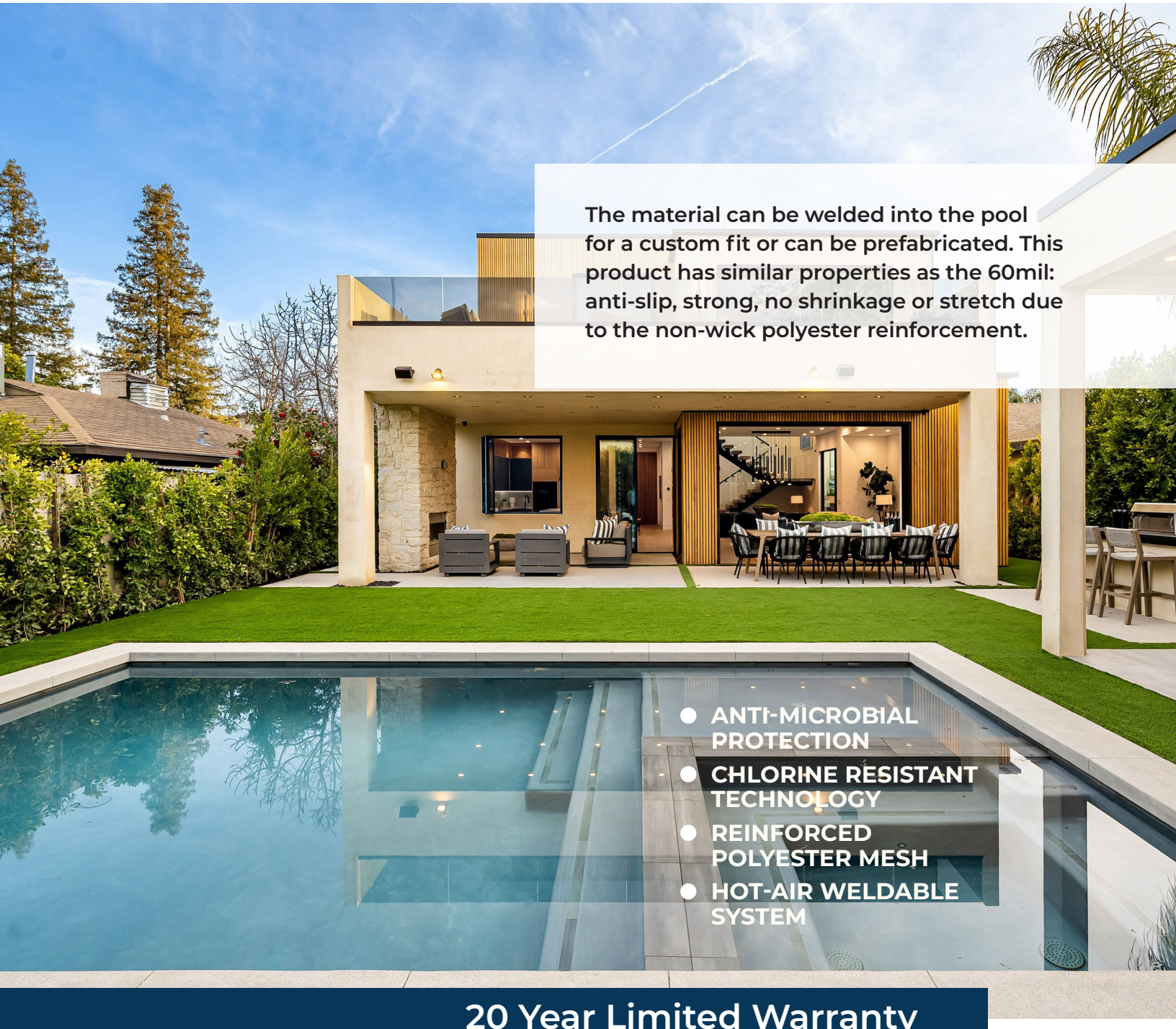
TECHNICAL DATA SHEET

Description	Pale Blue 60" × 60 oz (60 Mil)			
General Properties	**Method**	**Unit**	**Typical Value**	**Results**
Thickness	ASTM D1599	Mil	60 ± 5.0	60
Specific Gravity	ASTM D792	--	1.23	1.24
Physical Properties	**Method**	**Unit**	**Typical Value**	**Results**
Tensile Strength at break	ASTM D751	lbs	≥ 130	MD 479 TD 473
Tear Strength	ASTM D751	lbs	≥ 30	MD 137 TD 113
Ply Adhesion	ASTM D751	lbs/in	≥ 9.0	13
Elongation	ASTM D751	%	≥ 20	MD 23 TD 22
Dimensional Stability	ASTM D1204 (60 min at 100!C)	%	≤ 3.0	0.98
Resistance to Impact at Low Temperature	ASTM D2136	!C	−30	Pass
Durability	**Method**	**Unit**	**Typical value**	**Results**
Resistance to Staining Agent	NF T 54-803-2 Appendix D	--	≥ 2	Pass
Resistance to Slip	EN 13451-1	--	Class B (≥ 18°)	Pass
Chlorine Resistance	NF T 54-803-2 Appendix C	--	≤ 4	Pass

These results do not constitute any warranty of the material. All tests are conducted with calibrated equipment and are within specification.

30MIL REINFORCED POOL LINERS

Our 30mil Reinforced Pool Liners are the perfect long-term solution for residential and commercial pools. The material can be welded into the pool for a custom fit and can be prefabricated.



The material can be welded into the pool for a custom fit or can be prefabricated. This product has similar properties as the 60mil: anti-slip, strong, no shrinkage or stretch due to the non-wick polyester reinforcement.

- **ANTI-MICROBIAL PROTECTION**
- **CHLORINE RESISTANT TECHNOLOGY**
- **REINFORCED POLYESTER MESH**
- **HOT-AIR WELDABLE SYSTEM**

20 Year Limited Warranty

30MIL RESIDENTIAL POOL LINERS

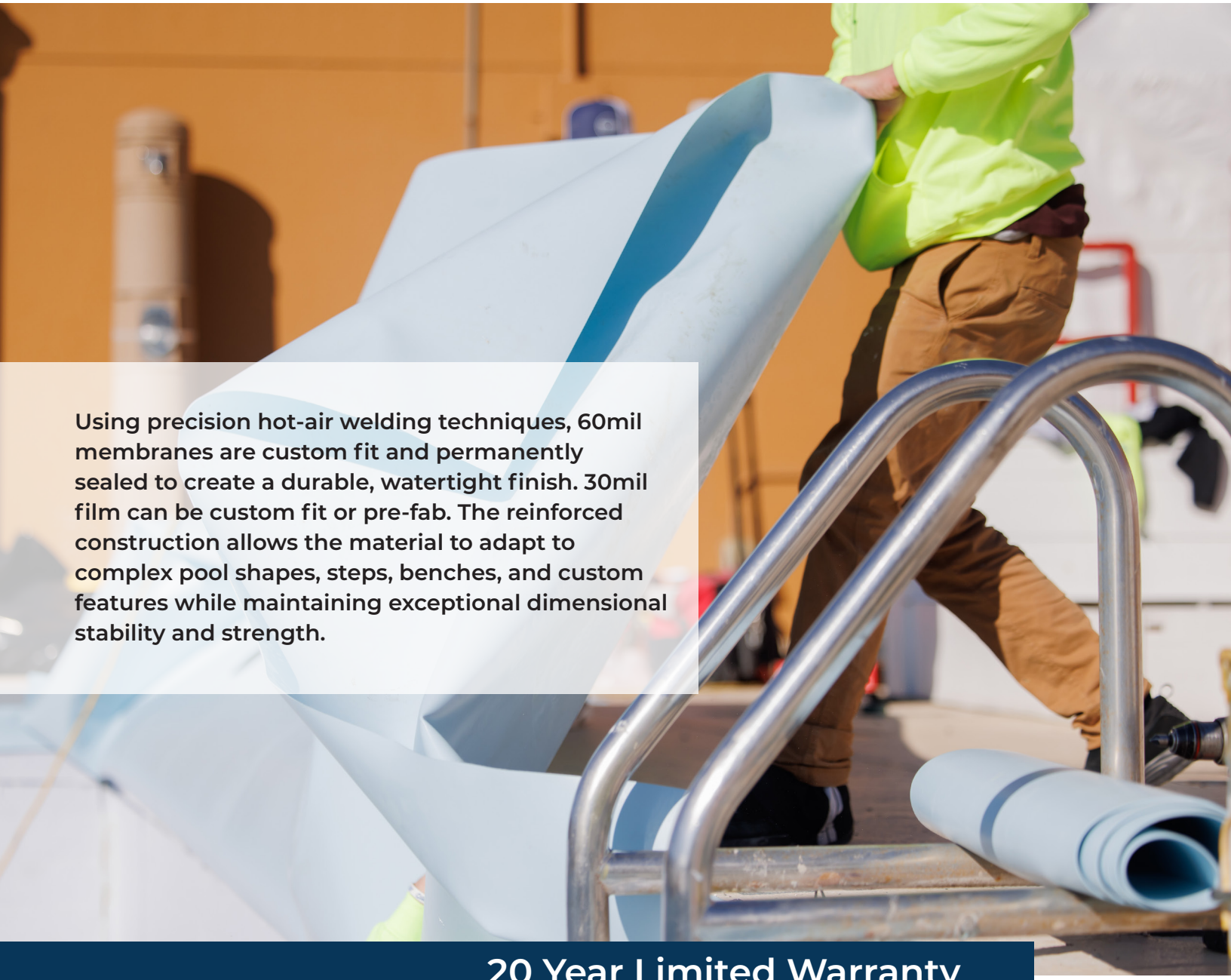
TECHNICAL DATA SHEET

Description	Pale Blue 30 Mil			
General Properties	**Method**	**Unit**	**Typical Value**	**Results**
Thickness	ASTM D1599	Mil	30 ± 2.0	30
Specific Gravity	ASTM D792	--	1.23	1.23
Physical Properties	**Method**	**Unit**	**Typical Value**	**Results**
Tensile Strength at break	ASTM D751	lbs	≥ 130	MD 464 TD 420
Tear Strength	ASTM D751	lbs	≥ 30	MD 144 TD 116
Ply Adhesion	ASTM D751	lbs/in	≥ 9.0	9.5
Elongation	ASTM D751	%	≥ 20	MD 24 TD 21
Dimensional Stability	ASTM D1204 (60 min at 100°C)	%	≤ 3.0	1.65
Resistance to Impact at Low Temperature	ASTM D2136	°C	−30	Pass
Durability	**Method**	**Unit**	**Typical value**	**Results**
Resistance to Staining Agent	NF T 54-803-2 Appendix D	--	≥2	Pass
Resistance to Slip	EN 13451-1	--	Class B (≥ 18°)	Pass
Chlorine Resistance	NF T 54-803-2 Appendix C	--	≤4	Pass

These results do not constitute any warranty of the material. All tests are conducted with calibrated equipment and are within specification.

PROFESSIONAL INSTALLATION SYSTEM

Pixiu reinforced PVC pool liners are designed for efficient installation and long-term performance.



Using precision hot-air welding techniques, 60mil membranes are custom fit and permanently sealed to create a durable, watertight finish. 30mil film can be custom fit or pre-fab. The reinforced construction allows the material to adapt to complex pool shapes, steps, benches, and custom features while maintaining exceptional dimensional stability and strength.

20 Year Limited Warranty

Pixiu provides installers, fabricators, and contractors with access to a growing library of technical resources, installation guides, product documentation, and training materials. From welding techniques and detailing to maintenance best practices, our online support tools are designed to help ensure consistent, high-quality installations and long-term product performance.



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