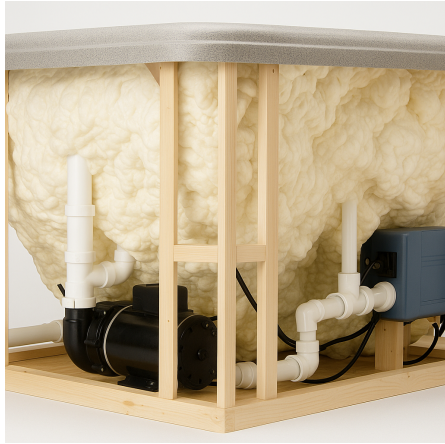




Spa & Hot Tub Foam System



Alchemy Spa & Hot Tub Foam Systems feature specially designed polyurethane formulations that are tailored to meet and exceed the specific reaction profile requirements for your production lines. Our approach emphasizes customization, ensuring that each system is efficiently matched to your manufacturing needs. Whether you require complete cavity filling or targeted spot foaming to mechanically secure key components, we have a perfect fit for your production line. Our products are user-friendly and characterized by low-odor, affirming our commitment to environmental responsibility and indoor air quality.

Alchemy Foam Systems deliver high insulation values and contribute to the structural strength of your spas. Their "spot welding" capabilities enable effective mechanical fastening of vital parts, while their resistance to water and moisture absorption ensures long-term durability and protection. In addition, we also offer a comprehensive line of polyurea products designed to complement and complete your production process.

Open Cell Foam Properties

Foam Density (pcf)	0.5
Cream Time (seconds)	5-8
Gel Time (seconds)	14-17
Tack-Free Time (seconds)	15-18
Tensile Strength (psi)	5.19
Thermal Conductivity (btu/hr·ft ² ·°F)	0.27
Specific Gravity - Resin (@ 72°F)	1.15
Specific Gravity - Iso (@ 72°F)	1.24
Viscosity - Resin (cps @ 72°F)	150-250
Viscosity - Iso (cps @ 72°F)	150-250
Mix Ratio (by volume and weight)	1:1

Closed Cell Foam Properties

Foam Density (pcf)	2.0
Cream Time (seconds)	5-8
Gel Time (seconds)	17-24
Tack-Free Time (seconds)	21-25
Compressive Strength (psi)	22
Thermal Conductivity (btu/hr·ft ² ·°F)	0.135
Specific Gravity - Resin (@ 72°F)	1.18
Specific Gravity - Iso (@ 72°F)	1.24
Viscosity - Resin (cps @ 72°F)	600
Viscosity - Iso (cps @ 72°F)	150-250
Mix Ratio (by volume and weight)	1:1

Product Available to Order Today!

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