

SYNFOAM® SW Low Density Syntactic Foam

Product Description:

SynFoam SW is a pressure resistant syntactic foam designed to provide buoyancy for underwater depths up 1,000 meters. SynFoam SW is a closed cell foam that is easy to machine and will provide a smooth surface after sanding. SynFoam SW is ideal for underwater robotics, vehicles, flotation, pumps and as a core material.

Product Benefits:

- Underwater Buoyancy to 1,000 meters
- Easy to machine
- Compatible with epoxy and polyurethane paints
- Excellent mechanical properties
- Toughness and impact resistance
- UV resistance
- Water resistance
- Oil, fuel and grease resistance
- Solvent resistance
- Dimensionally stable

Availability:

SynFoam SW is available in a standard size of 6" x 12" x 24". SynFoam can also produce custom sizes, both smaller and larger. We are also capable of provided finished modules made with SynFoam SW that include fiberglass coatings and/or protective coatings. Please contact us for more information on custom fabrication services.

Typical Properties:

Property	Units	SW-6	SW-9	SW-12	SW-15	SW-18
Density	PCF(± 1)	5	9	12	15	18
Depth Rating	feet	165	325	500	650	1,650
Depth Rating	meters	50	100	150	200	500
Service Pressure	psi	75	145	225	290	735
Compressive Strength	psi	110	300	520	710	930

DISCLAIMER:

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