

# Foam-It® 8

Polyurethane  
Smooth-On, Inc

Message:

Smooth-On's FOAM-iT!® Series consists of two-component rigid foams that are versatile and easy to use. FOAM-iT!® products are available in 3lb., 5 lb., 8 lb., 10 lb., 15 lb. or 26 lb. per cubic foot densities. Parts A and B are measured and mixed in equal amounts by volume (Note: FOAM-iT!® 8 is measured and mixed 2A:1B by weight). The mixture is then poured into a mold or other form (apply release agent if necessary). The mixture will expand many times original volume (depending on which FOAM-iT!® product you are using) and develop a uniform cell structure. FOAM-iT!® 3, 5, 10, 15, and 26 are tack-free in about 4 - 6.5 minutes, developing handling strength in 20 minutes and full cure in 2 hours.

FOAM-iT!® 10 SLOW is a 10 lb. density foam with a longer, 3.5 minute working time, taking 1 hour to reach handling strength and 4 hours to cure. FOAM-iT!® 10 SLOW is designed for large-pour applications and can be used for a variety of industrial, art-related and special effects applications.

FOAM-iT!® 8 is a unique, self-skinning foam with a finer, more uniform cell structure than the other FOAM-iT!® products.

FOAM-iT!® 26 is a high density rigid foam that is very hard and very strong.

FOAM-iT!® 8, 15, or 26 can be cast in blocks as a machineable prototype modeling board.

All FOAM-iT!® products can be used as a straight casting material, backfill material for hollow castings (adds structural strength) or as an encapsulation material, etc. They can be color pigmented with SO-Strong® color tints and are used for a variety of art/craft, industrial design and special effects applications.

General Information	
Features	Foamable
	High Rigidity
Uses	Foam
	Industrial Applications
Appearance	Off-White
Processing Method	Casting
	Encapsulating

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.120 to 0.140	g/cm³	ASTM D1475
Specific Volume	7.23 to 8.31	cm³/g	
Tack Free Time	5.0	min	
Cure Time	2.0	hr	
Handling Strength	20.0	min	
Volumetric Expansion	8 times		

Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 2.0		
Part B	Mix Ratio by Weight: 1.0		
Pot Life	1.5	min	ASTM D2471
Thermoset Mix Viscosity	300	cP	ASTM D2393

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