TECHNICAL DATA SHEET

OCF LOW PRESSURE BLACK POLYURETHANE FOAM SEALANT

Description	Low pressure, one-component, polyurethane foam sealant
OCF	One Component Foam
Applications	OCF Black Foam Sealant is designed black in color, making it ideal for applications where product appearance may be a factor. Used to fill and seal around gaps and cracks in pond and waterfall design, landscaping, RV undercarriages, crack and hole repair in trees, as well as to seal gaps and penetrations in the building envelope. OCF Black Foam Sealant is fish and plant safe.
Preparation for use	Substrate must be clean, dry, free of loose particles, and free of dust, grease and mold release agents.
Use	Optimal product temperature is 65-80°F (18-27°C). **Gun foam option:** attach the container to the dispensing unit shake well, and begin dispensing. The dispensing unit can be metered by pulling the dispensing unit trigger for the desired rate, or with the metering screw located in the back. Foam application can be interrupted when needed as outlined in the instructions and the dispensing unit will be ready for immediate re-use, as long as it remains attached to a pressurized container. An empty gun foam container must be replaced with a new container. **Straw foam option**: attach the straw, shake well, invert the container, and begin dispensing. By activating the adapter lever carefully, the extrusion rate can be regulated.
PPE	Use only in a well-ventilated area. Wear protective glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure. Read all instructions and safety information prior to use. Consult the product's SDS.
Note	FOR PROFESSIONAL USE ONLY. Always check the local building code before use. Cured low pressure polyurethane foam is non-toxic and inert.
Product Storage	Store upright in a dry area. Do not expose the product to open flame or temperatures above 122°F (50°C). Excessive heat can cause premature aging of components resulting in a shorter shelf-life.
Temperature	For best results, chemical temperature must be between 65-80°F (18-27°C). Cured foam is resistant to heat and cold, -200°F to 240°F (-129°C to 116°C).
Disposal	Refer to SDS (Section 13) for instructions. Do not incinerate containers. Relieve containers of any remaining pressure and foam before discarding. Always wear PPE during the disposal process and make sure discarded foam is fully cured.
Shelf-life	12 months (expiration date located on the bottom of the container)
Compatibility	Cured low pressure polyurethane foam is chemically inert and non-reactive in approved applications, and will not harm electrical wire insulations, Romex ®, rubber, PVC, polyethylene (i.e. PEX) or other plastics. The product is not resistant to UV rays, if left exposed the product should be coated or painted.

TECHNICAL DATA	STANDARD	RESULTS
Density –Gun Foam	ASTM D1622	1.00 lbs/ft^3 (16 kg/m^3)
Density- Straw Foam		1.10 lbs/ft^3 (17.6 kg/m^3)
K-factor	ASTM C518	0.222 BTU·inch/ft^2·h·°F
R-Value	ASTM C518	4.50 per Inch
Air Barrier Properties		
@1.57 psf (75 Pa)	ASTM E2178	<0.00026 cfm/ft2 (<0.0013 L/s/m2)
Compressive Strength *Parallel to rise*	ASTM D1621	6.58 psi (45.3 kPa)
Tensile Strength *Parallel to rise*	ASTM 1623	12 psi (83 kPa)
Dimensional Stability	ASTM D2126	+/- 5%
Tack-Free	Tack-Free	Approx. 5 minutes
Closed-Cell Content	ASTM D6226	70%

Cuttable		1 hour
Fire Rating- Caulking & Sealant Tested 3 beads @ 3/4" Thickness	ASTM E84/UL 723	Flame Spread Index 25 Smoke Developed 50

APPROVALS/STANDARDS/CLASSIFICATIONS

ASTM E84/UL 723	UL Classified File #R13919
NFPA 30B	Level 2 Aerosol
VOC Content (calculated)	165 g/L or 16%

TEMPERATURE

Product Storage	<122°F (50°C)
Application (substrate)	40-100°F (5-38°C)
Chemical	65-80°F (18-27°C)

YIELD[1] Linear Feet (Meters)

	¼" (6.3 mm)	3/8" (9.5mm)	½" (12.7mm)	Volume
12oz (340g) Straw Foam	1996 ft (608 m)	887 ft (270 m)	499 ft (152 m)	0.68 ft^3 (19 L)
24oz (680g) Gun Foam	4403 ft (1342 m)	1957 ft (596 m)	1101 ft (336 m)	1.50 ft^3 (42 L)
29oz (680g) Gun Foam	5313 ft (1619 m)	2361 ft (720 m)	1328 ft (405 m)	1.81 ft^3 (51 L)

[1] Yield is based on density. We state our core density when describing the foam. We use theoretical calculations for comparative purposes so the results will vary depending on ambient conditions and use in particular applications.

Add Warranty and Warnings?