

HANDIFOAM® GASKET FOAM

FLEXIBLE FOAM SEALANT

TECHNICAL DATA SHEET



FEATURES & BENEFITS

HandiFoam® Gasket Foam is a low pressure, one-component spray polyurethane foam designed for sealing between drywall and framed walls.

PREPARATION

Always check the local building code before use. Substrate must be clean, dry, firm, free of loose particles, and free of dust, grease, and mold release agents. Protect surfaces not to be foamed. Read SDS, Operating Instructions, and Product Stewardship Guidelines. For additional information go to www.handifoam.com.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Recommend using 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 SDS (Section 8) prior to use of any product.



USE

Condition chemical to 40-100°F (4-38°C). Follow instructions for set-up found in the operating instructions.

PRODUCT STORAGE & DISPOSAL

Store upright in a dry area. Do not expose the cans to open flame or temperatures above 100°F (38°C). Excessive heat can cause premature aging of components resulting in a shorter shelf-life. Refer to SDS (Section 13) for instructions. Always dispose of empty cans according to applicable federal, state, provincial and local regulations.

COMPATIBILITY

Compatible with all common construction substrates. FOR PROFESSIONAL USE ONLY.

TECHNICAL DATA	STANDARD	RESULTS	
Gel Time		Under 5 minutes at room temperature	
Tack-Free		Under 10 minutes at room temperature	
Cure Time		30 minutes at room temperature	
Cuttability		1 hour	
Air Barrier Properties	ASTM E283 – Modified	< 0.05L/s/m ²	
VOC Content	EPA Method 24	231 g/L	
Fire Rating			
	ASTM E84	Flame Spread: 5	Smoke Developed: 5
Shelf Life		15 months	

APPROVALS / STANDARDS / CLASSIFICATIONS

Greenguard

Gold
Certification



TEMPERATURE GUIDELINES

Product Chemical Temperature	40-100°F (4-38°C)
Chemical Storage Temperature	Optimum 75-85°F (24-29°C) but not <40°F (4°C) or >100°F (38°C)
Outside Application Temperature	40-100°F (4-38°C)
Surface (Substrate) Temperature	40-100°F (4-38°C)
Cured Foam	-200 to +240°F (-129 to +116°C)



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DISPOSABLE ITEM NUMBER	VOLUME	3/8" (9.5 mm)	1/2" (12.7 mm)	3/4" (19.1 mm)
P31003 14 oz. (397g) Straw Foam	1.85 ft ³ (52 L)	Up to 778 ft (237.1 m)	Up to 485 ft (147.8 m)	Up to 195 ft (59.4 m)

¹Yield is based on free-rise density. We state our core density/free-rise density when describing the foam. Applying foam into a cavity may result in higher in-place densities due to packing effects. These higher densities may result in lower yields.

²Average Gross Weight

Always read all operating, application and safety instructions before using any products. Use in conformance with all local, state and federal regulations and safety requirements. Failure to strictly adhere to any recommended procedures and reasonable safety precautions shall release ICP Construction, Inc. of all liability with respect to the materials or the use thereof. For additional information and location of your nearest distributor, call ICP Construction, Inc. 1 330.753.4585 or 1 800.321.5585.

NOTE: Physical properties shown are typical and are to serve only as a guide for engineering design. Results are obtained from specimens under ideal laboratory conditions and may vary upon use, temperature and ambient conditions. Right to change physical properties as a result of technical progress is reserved. This information supersedes all previously published data. The Customer is responsible for deciding whether products and associated TDS information are appropriate for customer's use.

ICP low pressure one-component polyurethane foam sealants and adhesives (OCF), low pressure spray polyurethane foams (SPF), and low pressure pour-in-place polyurethane foams (PIP) are composed of a diisocyanate, hydrofluorocarbon or hydrocarbon blowing agent, and polyol. Read the SDS and all instructions carefully before use (www.HandiFoam.com). Additional information on ventilation and safety equipment can be found in the Product Stewardship Guide (www.HandiFoam.com). The urethane foam produced from these ingredients will support combustion and may present a fire hazard if exposed to a fire or excessive heat about 240°F (116°C). Refer to each product's TDS for specifications, testing results, and other attributes. The customer is ultimately responsible for deciding whether products and associated TDS information are appropriate for customer's use. Refer to the products' SDS, ICP Construction's Product Stewardship Guidelines, and operating instructions for guidance on the safe and proper application of the product (www.HandiFoam.com). For professional use only. Building practices unrelated to materials can lead to potential mold issues. Material suppliers cannot provide assurance that mold will not develop in any specific system.

WARNINGS: Follow safety precautions and wear protective equipment as recommended in the SDS and instructions. Prolonged inhalation exposure may cause respiratory irritation/sensitization and/or reduce pulmonary function in susceptible individuals. Onset may be delayed. Pre-existing respiratory conditions may be aggravated. We recommend that the product is used in a well-ventilated area and with certified respiratory protection. NIOSH approved positive pressure supplied air respirator is recommended if exposure guidelines may be exceeded. Contents may be very sticky and irritating to skin and eyes, therefore, safety glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure when operating may be recommended. If liquid chemical comes in contact with skin, first wipe thoroughly with dry cloth, then rinse affected area with water. Wash with soap and water afterwards and apply hand lotion if desired. If liquid comes in contact with eyes, immediately flush with large volume of clean water for at least 15 minutes and get medical help at once. If liquid is swallowed, get immediate medical attention. Do not induce vomiting. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Products manufactured or produced from these chemicals are organic and, therefore, combustible. Each user of any product should carefully determine whether there is a potential fire hazard associated with such product in specific usage. KEEP OUT OF REACH OF CHILDREN.

LIMITED WARRANTY and LIMITATION OF DAMAGES: ICP Construction, Inc. warrants only that the product shall meet ICP Construction, Inc. specifications for the product when shipped by ICP Construction, Inc. NO OTHER EXPRESSED OR IMPLIED WARRANTIES APPLY AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT OUTSIDE THE U.S. AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. Buyer and users assume all risks of use, handling and storage of the product. Failure to strictly adhere to any recommended procedures shall release ICP Construction, Inc. from all liability. The user of the product is responsible for determining suitability of the product for particular use. The exclusive remedy as to any breach of warranty, negligence or other claim is limited to the replacement of the product. Liability for any indirect, incidental or consequential damage or loss is specifically excluded.

