



INNOVATIONS THAT
IMPROVE.[®]

Handi-Foam[®] Product Guide





All Handi-Foam® products work together to create a continuous air barrier, making a building energy efficient for years to come.

ABOUT ICP ADHESIVES & SEALANTS

ICP Adhesives and Sealants, Inc. (ICP) has been a leading manufacturer in the low pressure polyurethane foam industry since 1975. We pride ourselves on our ability to service companies large and small with the same one-on-one attention.

INNOVATIONS THAT IMPROVE.®



UNPARALLELED SERVICE

ICP provides accessible, personalized support when you need it. We have long standing relationships with our distributors and partners since 1975. Relationships that were built on trust, respect and doing right by our customers.



PRODUCT STEWARDSHIP

ICP is an industry leader in product and environmental stewardship. Our Work Smart program has educated thousands on the safe and proper use of low pressure polyurethane foam products. In addition, most of the Handi-brand® products carry the prestigious GREENGUARD GOLD certification signifying that our products are low emitting and contribute to healthier indoor environments.

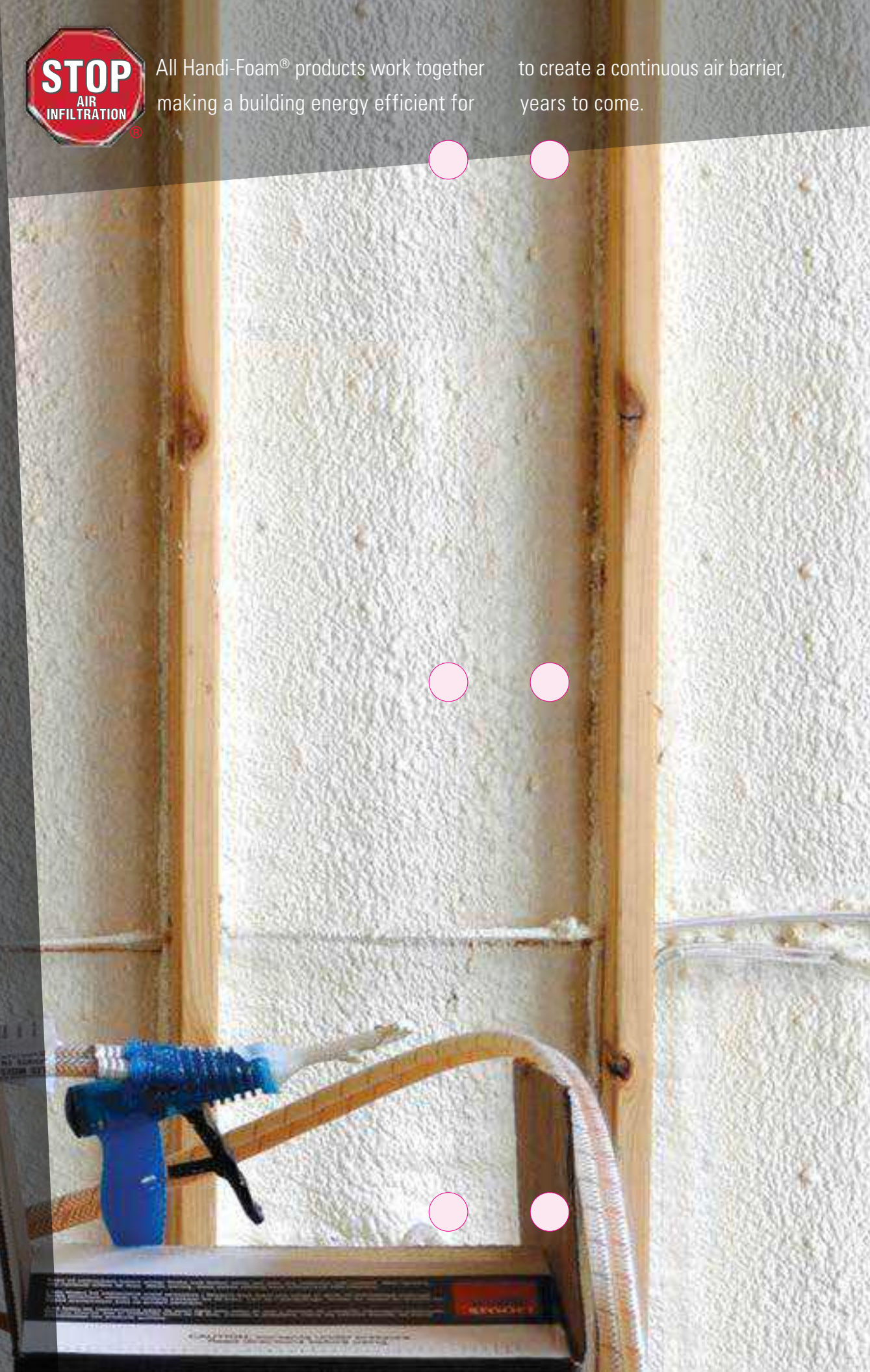


EDUCATION

The proper education on the storage, use and application of low pressure polyurethane foam products is essential and ICP provides the tools to make it happen. From free 24-hour online training on A & S Academy to extensive product documentation and in-person training events, ICP is committed to delivering everything you need to succeed.

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LOW PRESSURE SPRAY & POUR-IN-PLACE POLYURETHANE FOAM

Handi-Foam® low pressure spray polyurethane foam (SPF) and low pressure pour-in-place polyurethane foam (PIP) kits are chemically cured and designed for the professional to fill large voids and cover surfaces. Compared to standard insulation products, Handi-Foam® products offer higher insulation values, are easy to install, and provide complete air tight coverage when properly installed.

Most disposable polyurethane foam kits are packaged with the patented Handi-Gun® dispensing unit, which provides accurate and precise dispensing in both spray and pour-in-place applications. Disposable foam kits are available in various sizes and formulations to meet application and market requirements. The portability of the foam kits allows for maximum flexibility to fit virtually any application. The low pressure polyurethane foam refillable systems utilize the Handi-Gun dispensing units that provide accurate and precise dispensing. The addition of the Magnum Heated System® provides improved temperature control and extended reach for increased flexibility.



Handi-Foam® E84 Class 1(A)

Low Pressure Spray Polyurethane Foam (SPF)

Handi-Foam® High Density

Low Pressure Spray Polyurethane Foam (SPF)

Handi-Foam® Commercial Vehicle

Low Pressure Spray Polyurethane Foam (SPF)

Handi-Foam® Low Density

Low Pressure Spray Polyurethane Foam (SPF)

Handi-Foam® Wall Seal

Low Pressure Spray Polyurethane Foam (SPF)

Handi-Foam® Channel Fill

Low Pressure Pour-in-Place Polyurethane Foam (PIP)

Handi-Foam® Slow Rise

Low Pressure Pour-in-Place Polyurethane Foam (PIP)

Silent-Seal® Mining Ventilation Air Sealant

Low Pressure Spray Polyurethane Foam (SPF)

Handi-Foam® Accessories

Low Pressure Polyurethane Foam Accessories

PRODUCT SIZE SPECIFICATIONS

Handi-Foam® low pressure polyurethane foams come in a variety of sizes to meet the demands of nearly any job or application. Disposable kit sizes are named for their theoretical yield, measured in either board or cubic feet. Low pressure spray polyurethane foam (SPF) kits are measured in board feet (bdft) while low pressure pour-in-place polyurethane foam (PIP) kits* are measured in cubic feet. A board foot (bdft) is a square foot at 1" (25 mm) thick (12" x 12" x 1") (305 mm x 305 mm x 25 mm). A cubic foot is equal to 12 board feet (1 ft³ = 12 bdft). Yields are based on theoretical calculations for comparison purposes only and will vary depending on ambient and chemical conditions, spray technique and application. See below for available sizes and formulations. See www.icpadhesives.com for the product specific TDS or the interactive Yield Calculator for more information.

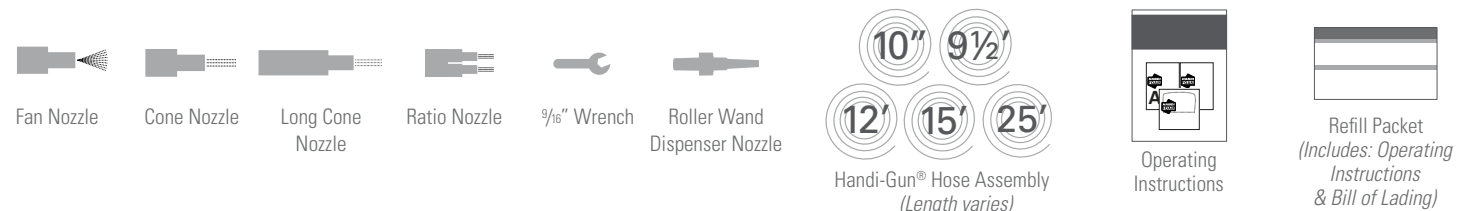
DISPOSABLE KITS (in board feet or cubic* feet)					
Personal Protective Equipment (PPE) required: For more information, see the Product Stewardship Guidelines (A14009).					
	7 1/2" (191 mm)	7 1/2" (191 mm)	15 1/2" (394 mm)	25" (635 mm)	
Handi-Foam E84 Class 1(A)	II-12	II-22	II-105	II-205	II-605
Handi-Foam High Density			II-60	II-115	II-340
Handi-Foam Commercial Vehicle				II-205	II-605
Handi-Foam Low Density			II-250	II-450	II-1350
Handi-Foam Channel Fill*				2-15	2-44
Handi-Foam Slow Rise*			2-7	2-13	2-43
Silent-Seal Mining Ventilation Air Sealant			II-180		

Refillable polyurethane foam systems are named for the gallons of chemical they contain, check the specific product pages for theoretical yields. See below for available sizes and formulations. See www.icpadhesives.com for the product specific TDS or the interactive Yield Calculator for more information.

REFILLABLE SYSTEMS (in gallons)					
Personal Protective Equipment (PPE) required: For more information, see the Product Stewardship Guidelines (A14009).					
	25" (635 mm)	40" (1016 mm)	62" (1575 mm)		
Handi-Foam E84 Class 1(A)		System 17	System 27	System 60	System 120
Handi-Foam Commercial Vehicle	System 8				
Handi-Foam Slow Rise	System 8		System 27	System 60	System 100
Handi-Foam Channel Fill	System 8			System 60	System 120
Handi-Foam Channel Fill EF	System 8			System 60	System 120
Handi-Foam Wall Seal	System 8				

PRODUCT ACCESSORY ICONS

Handi-Foam® low pressure polyurethane foams come complete with accessories for your convenience. Look for these icons next to each product to identify the included accessories. Additional accessories are available for purchase. For more product accessories and details, see page 30–31.





IDEAL FOR RIM/BAND JOISTS

HANDI-FOAM® E84 CLASS 1(A)

LOW PRESSURE SPRAY POLYURETHANE FOAM (SPF)

Ideal for flash and batt or hybrid insulation systems or in applications where a Class 1(A) material is required. Stops air infiltration and provides an aged R-value of 6.0 at one inch thickness for an economical, efficient insulation system.

ITEM	DESCRIPTION	COVERAGE*	INCLUDED
P10600	II-12 HANDI-FOAM	12 bdft (1.1 m ²)	
P10650	II-22 HANDI-FOAM	22 bdft (2 m ²)	
P10705	II-105 HANDI-FOAM	105 bdft (9.8 m ²)	
P10726	II-205 HANDI-FOAM	205 bdft (19 m ²)	
P10762	II-605 HANDI-FOAM	605 bdft (56.2 m ²)	
P10762W	II-605 HANDI-FOAM	605 bdft (56.2 m ²)	
P10765	II-605 HANDI-FOAM	605 bdft (56.2 m ²)	
50004	SYSTEM 8 REFILL	1010 bdft (93.9 m ²)	
P22070	SYSTEM 17 REFILL	1980 bdft (184 m ²)	
P22270	SYSTEM 27 REFILL	3120 bdft (290 m ²)	
P22470	SYSTEM 60 REFILL	6840 bdft (635 m ²)	
P22670	SYSTEM 100 REFILL	11400 bdft (1059 m ²)	

TECH DATA

R-VALUE Aged Initial	6.00 at 1" thick 7.20 at 1" thick
DENSITY Free Rise In Place	1.75 lb/ft ³ (28 kg/m ³) 2.12 lb/ft ³ (34 kg/m ³)
TACK-FREE TIME	30–60 seconds
CUTTABLE	2–5 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	95% CLOSED cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84 Class 1(A) at 2" thick 20 400
APPROVALS	GREENGUARD Gold ICC-ESR 2717 CCMC #13455-L
SHELF LIFE	6 months – Refill 12 months – Disposable



HIGH COMPRESSIVE STRENGTH

HANDI-FOAM® HIGH DENSITY

LOW PRESSURE SPRAY POLYURETHANE FOAM (SPF)

Specifically designed for applications where a high compressive strength foam is required. It is ideally suited for roofing repairs and night seals or any application where foot traffic is expected.

ITEM	DESCRIPTION	COVERAGE*	INCLUDED
P12025	II-60 HANDI-FOAM	60 bdft (5.6 m ²)	
P12030	II-115 HANDI-FOAM	115 bdft (10.7 m ²)	
P12035	II-340 HANDI-FOAM	340 bdft (31.8 m ²)	

TECH DATA

R-VALUE (INITIAL)	6.50 at 1" thick
DENSITY	3.10 lbs/ft ³ (50 kg/m ³)
TACK-FREE TIME	30–60 seconds
CUTTABLE	2–5 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	95% CLOSED cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84 Class 1(A) at 2" thick 15 450
SHELF LIFE	12 months

*Coverage is based on theoretical calculations for comparison purposes only and will vary depending on ambient and chemical conditions, spray technique and application.

DO YOU WORK SMART?



Working smart is about choosing the best solution for the job and then executing the project safely. All polyurethane foam products contain diisocyanates. These chemicals may cause sensitization by inhalation and skin contact. For this reason, when using any low pressure polyurethane foam, we recommend following a safety program, including wearing proper personal protective (PPE) equipment.

Handi-Foam® low pressure spray and pour-in-place polyurethane foams should always be used in conjunction with a certified respiratory program in addition to safety glasses with side shields or goggles, nitrile gloves and clothing that protects against dermal exposure. Required respirators must be NIOSH-approved and medical evaluation, fit testing and training must be provided before use.



F65251 – Contractor Safety Kit



Scan here for the Product Stewardship Guidelines (A14009).










BLACK COLORING BLENDS INTO UNDERCARRIAGES EASILY

HANDI-FOAM® COMMERCIAL VEHICLE

LOW PRESSURE SPRAY POLYURETHANE FOAM (SPF)

Designed specifically for use in a vehicle's undercarriage, engine compartment and frame to reduce vibrations, helping to increase the longevity of the vehicle and deaden sound.

ITEM	DESCRIPTION	COVERAGE	INCLUDED
P10733	II-205 HANDI-FOAM	205 bdft (19 m ²)	  
P10756	II-605 HANDI-FOAM	605 bdft (56.2 m ²)	  
P21050	SYSTEM 8 REFILL	1040 bdft (97 m ²)	

TECH DATA

R-VALUE (AGED)	5.50 at 1" thick
DENSITY (FREE RISE)	1.70 lb/ft ³ (27.30 kg/m ³)
TACK-FREE TIME	30–45 seconds
CUTTABLE	1–2 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	>90% CLOSED cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84 at 1" thick 15 195
SHELF LIFE	6 months – Refill 12 months – Disposable












LOW DENSITY, OPEN CELL FORMULATION

HANDI-FOAM® LOW DENSITY

LOW PRESSURE SPRAY POLYURETHANE FOAM (SPF)

A low density, open cell formulation used to fill and insulate large voids and surfaces and excellent for sound deadening and reducing noise levels where a lower density foam is required.

ITEM	DESCRIPTION	COVERAGE	INCLUDED
P10692	II-250 HANDI-FOAM	250 bdft (23 m ²)	  
P10694	II-450 HANDI-FOAM	450 bdft (42 m ²)	  
P10770	II-1350 HANDI-FOAM	1350 bdft (125 m ²)	  

TECH DATA

R-VALUE (AGED)	4.30 at 1" thick
DENSITY (FREE RISE)	0.75 lb/ft ³ (12 kg/m ³)
TACK-FREE TIME	30–45 seconds
CUTTABLE	3–5 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	95% OPEN cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84 Class 2(B) at 4" thick 50 450
APPROVALS	GREENGUARD Gold
SHELF LIFE	12 months















PROVIDES STRUCTURAL SUPPORT

HANDI-FOAM® SLOW RISE

LOW PRESSURE POUR-IN-PLACE POLYURETHANE FOAM (PIP)

Formulated to completely fill voids and cavities, providing rigidity and reinforcing the structure. Meets the Coast Guard specification requirements for flotation in Title 33 Code of Federal Regulations, paragraph 183.114.

ITEM	DESCRIPTION	COVERAGE	INCLUDED
P10709	2-7 SLOW RISE	7.6 ft ³ (.22 m ³)	  
P10732	2-13 SLOW RISE	13 ft ³ (.37 m ³)	  
P10760	2-43 SLOW RISE	43 ft ³ (X1.22 m ³)	  
P22245	SYSTEM 27 REFILL	213 ft ³ (6 m ³)	
P22445	SYSTEM 60 REFILL	458 ft ³ (13 m ³)	
P22645	SYSTEM 100 REFILL	787 ft ³ (22.3 m ³)	

TECH DATA

R-VALUE	5.60 at 1" thick
DENSITY (IN PLACE)	2.00 lb/ft ³ (32 kg/m ³)
TACK-FREE TIME	120–240 seconds (2–4 minutes)
CUTTABLE	10–20 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	approx. 90% CLOSED cell content
APPROVALS	Meets Title 33 Code of Federal Regulations for flotation
SHELF LIFE	6 months – Refill 12 months – Disposable

*Coverage is based on theoretical calculations for comparison purposes only and will vary depending on ambient and chemical conditions, spray technique and application.



FLOWS TO FILL INTRICATE CAVITIES

HANDI-FOAM® CHANNEL FILL

LOW PRESSURE POUR-IN-PLACE POLYURETHANE FOAM (PIP)

Powered by the patented High Flow Technology® to allow the chemical to flow more thoroughly and at greater distances making it ideal for a variety of applications.



ITEM	DESCRIPTION	COVERAGE	INCLUDED
P50007	2-15 CHANNEL FILL	15 ft³ (0.42 m²)	
P50008	2-44 CHANNEL FILL	44 ft³ (1.42 m²)	
P77005	SYSTEM 8 REFILL	73.5 ft³ (2.08 m²)	
P77470	SYSTEM 60 REFILL	520 ft³ (14.7 m²)	
P77870	SYSTEM 120 REFILL	950 ft³ (26.9 m²)	

TECH DATA

R-VALUE (AGED)	6.90 at 1" thick
DENSITY (CORE)	2.00 lb/ft³ (32 kg/m³)
TACK-FREE TIME	60–90 seconds
CUTTABLE	3–5 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	>90% CLOSED cell content
FIRE RATING	ASTM E84 (in an assembly 6" thick with 3/16" steel channels)
Flame Spread	0
Smoke Developed	85
APPROVALS	Meets Title 33 Code of Federal Regulations for flotation
SHELF LIFE	3 months – System 60 & 120 6 months – System 8 12 months – Disposable



FLOWS TO FILL INTRICATE CAVITIES

HANDI-FOAM® CHANNEL FILL EF

LOW PRESSURE POUR-IN-PLACE POLYURETHANE FOAM (PIP)

Engineered to flow throughout intricate cavities to fill the entire void to add structural support, prevent vibrations, deaden sound and increase insulation value. Ideal for filling blind and intricate cavities.



ITEM	DESCRIPTION	COVERAGE	INCLUDED
P77014	SYSTEM 8 REFILL	73.5 ft³ (2.1 m²)	
P77400	SYSTEM 60 REFILL	520 ft³ (14.7 m²)	
P77800	SYSTEM 120 REFILL	950 ft³ (26.9 m²)	

TECH DATA

R-VALUE (AGED)	6.90 at 1" thick
DENSITY (CORE)	2.00 lb/ft³ (32 kg/m³)
TACK-FREE TIME	4–5 minutes
CUTTABLE	60–90 minutes
CELL STRUCTURE	>90% CLOSED cell content
FIRE RATING	ASTM E84 (in an assembly 6" thick with 3/16" steel channels)
Flame Spread	0
Smoke Developed	85
SHELF LIFE	3 months – System 60 & 120 6 months – System 8



EXCELLENT INSULATION FOR EXISTING WALL CAVITIES

HANDI-FOAM® WALL SEAL

LOW PRESSURE POUR-IN-PLACE POLYURETHANE FOAM (PIP)

Specifically designed to fill existing exterior wall cavities with no or insufficient insulation. Powered by the patented High Flow Technology® to allow the chemical to flow more thoroughly and at greater distances making it ideal for a variety of applications.



ITEM	DESCRIPTION	COVERAGE	INCLUDED
50087	SYSTEM 8 REFILL	147 ft³ (4.16 m³)	

TECH DATA

R-VALUE (AGED)	3.40 at 1" thick
DENSITY (FREE RISE)	0.75 lb/ft³ (12 kg/m³)
TACK-FREE TIME	15–30 seconds
CUTTABLE	3–5 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	<95% CLOSED cell content
FIRE RATING	ASTM E84 Class 2(B) at 4" thick
Flame Spread	10
Smoke Developed	450
APPROVALS	GREENGUARD Gold
SHELF LIFE	6 months

*Coverage is based on theoretical calculations for comparison purposes only and will vary depending on ambient and chemical conditions, spray technique and application.



FLOWS WHERE NO OTHER FOAM HAS GONE BEFORE

High Flow Technology® fills and insulates cavities or voids completely. High Flow Technology delivers what other polyurethane foams can't, filling cavities more efficiently, more effectively and more completely than any other building material. High Flow Technology gives professionals the ability to fill voids and cavities that were previously unable to be filled by any other substance. This new low pressure polyurethane foam technology, an industry first, allows intricate cavities and spaces to be filled at three to four times the depth of traditional pour-in-place foam.



MOBILE MAGNUM® SYSTEM

Combining portability with refillable polyurethane foam options, the Mobile Magnum system makes it easy and convenient to use and transport low pressure polyurethane foams. The Mobile Magnum system is low maintenance, offers fast and easy setup and teardown, and requires minimal equipment investment. The Mobile Magnum cart makes the System 8 cylinders portable and easily transported to and from the jobsites.







SILENT-SEAL® MINE VENTILATION AIR SEALANT – MVS

LOW PRESSURE SPRAY POLYURETHANE FOAM (SPF)

Expands and seals to quickly and efficiently seal, insulate, fill, coat and sound dampen many areas above and underground. Silent-Seal MVS has been deemed MSHA suitable as an underground mine ventilation sealant, suitability number MSHA-S10/1, minimum applied thickness 1 inch.

ITEM	DESCRIPTION	COVERAGE	INCLUDED
• P10710	II-180 SILENT-SEAL MVS	180 bdft (16.7 m ²)	 

TECH DATA



DENSITY	1.75 lb/ft ³ (28 kg/m ³)
TACK-FREE TIME	10–25 seconds
CUTTABLE	2–5 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	>90% CLOSED cell content
FIRE RATING Flame Spread	ASTM E162 <25
APPROVALS	MSHA-S10/1
SHELF LIFE	12 months



SILENT-SEAL® MINE VENTILATION AIR SEALANT – NA

LOW PRESSURE SPRAY POLYURETHANE FOAM (SPF)

Silent-Seal NA conforms to or exceeds ASTM E162 at a flame spread index of less than 25. Silent-Seal NA has also been deemed MSHA suitable as an underground mine ventilation sealant, suitability number MSHA-S10/00, minimum applied thickness 1 inch. Colored bright yellow for increased visibility.

ITEM	DESCRIPTION	COVERAGE	INCLUDED
• P10737	II-180 SILENT-SEAL NA	180 bdft (16.7 m ²)	 

TECH DATA



DENSITY	1.75 lb/ft ³ (28 kg/m ³)
TACK-FREE TIME	10–25 seconds
CUTTABLE	2–5 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	>90% CLOSED cell content
FIRE RATING Flame Spread	ASTM E162 <25
APPROVALS	MSHA-S10/00
SHELF LIFE	12 months



SILENT-SEAL® MINE VENTILATION AIR SEALANT – SA

LOW PRESSURE SPRAY POLYURETHANE FOAM (SPF)

Silent-Seal SA meets the South Africa Council for Scientific and Industrial Research (CSIR Project #BF203-011 5600 5664) flame, smoke and toxicity test standards, SANS 1867:2003. Silent-Seal SA has also met LOBA approval. Colored bright yellow for increased visibility.

ITEM	DESCRIPTION	COVERAGE	INCLUDED
• P10712SAT	II-180 SILENT-SEAL SA	180 bdft (16.7 m ²)	 

TECH DATA

DENSITY	1.75 lb/ft ³ (28 kg/m ³)
TACK-FREE TIME	10–25 seconds
CUTTABLE	2–5 minutes
FULLY CURED TIME	1 hour
CELL STRUCTURE	>90% CLOSED cell content
APPROVALS	SANS 1867
SHELF LIFE	18 months

*Coverage is based on theoretical calculations for comparison purposes only and will vary depending on ambient and chemical conditions, spray technique and application.

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANTS

Handi-Foam® low pressure one-component polyurethane foam sealants (OCF) are moisture cured and designed to completely fill and seal small gaps, cracks and voids. Compared to standard cartridge type sealants, our polyurethane foam sealants have excellent adhesion and expansion characteristics ensuring a complete and permanent air tight seal. Polyurethane foam sealants result in less waste on small jobs while having an economic impact on large jobs.



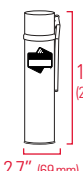
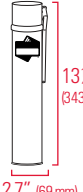
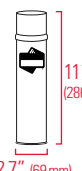
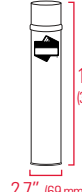
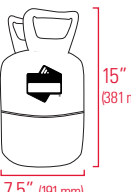
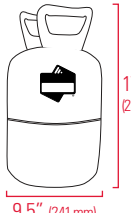
All of ICP's polyurethane foam sealants are packaged in pre-pressurized aerosol cans and cylinders designed to be dispensed with a straw applicator or a professional dispensing tool.



- Handi-Foam®**
Low Pressure One-Component Polyurethane Foam Sealant (OCF)
- Handi-Foam® 40 Series Cylinder**
Low Pressure One-Component Polyurethane Foam Sealant (OCF)
- Handi-Foam® Extreme**
Low Pressure One-Component Polyurethane Foam Sealant (OCF)
- Handi-Foam® Fireblock**
Low Pressure One-Component Polyurethane Foam Sealant (OCF)
- Handi-Foam® Fireblock West**
Low Pressure One-Component Polyurethane Foam Sealant (OCF)
- Handi-Foam® Black**
Low Pressure One-Component Polyurethane Foam Sealant (OCF)
- Handi-Foam® Window & Door**
Low Pressure One-Component Polyurethane Foam Sealant (OCF)
- Handi-Foam® Window & Door West**
Low Pressure One-Component Polyurethane Foam Sealant (OCF)
- Handi-Foam® Accessories**
Low Pressure Polyurethane Foam Accessories

PRODUCT SIZE SPECIFICATIONS

Handi-Foam® low pressure one-component polyurethane foam sealants (OCF) come in a variety of sizes with both straw and professional dispensing units providing the flexibility to meet most application requirements. One-component coverage is calculated at ¼" (6.3 mm) bead size. Yields are based on theoretical calculations for comparison purposes only and will vary depending on application, technique, temperature, humidity and chemical conditions. See below for available sizes and formulations and check the products' TDS for more information (available on www.icpadhesives.com).

CANS & CYLINDERS									
Personal Protective Equipment (PPE) required:  For more information, see the Product Stewardship Guidelines (A14009).	STRAW FOAM			GUN FOAM			CYLINDER FOAM		
		 8" (203 mm) 2.7" (69 mm)	 11 ¼" (286 mm) 2.7" (69 mm)	 13 ½" (343 mm) 2.7" (69 mm)	 11 ¼" (286 mm) 2.7" (69 mm)	 13 ½" (343 mm) 2.7" (69 mm)	 15" (381 mm) 7.5" (191 mm)	 17" (427 mm) 9.5" (241 mm)	
Handi-Foam Polyurethane Foam Sealant	12 oz. (340 g)	20 oz. (567 g)	24 oz. (680 g)	29 oz. (820 g)		24 oz. (680 g)	29 oz. (820 g)		
Handi-Foam 40 Series Polyurethane Foam Sealant								I-160 with & without accessories	I-260 with & without accessories
Handi-Foam Extreme Polyurethane Foam Sealant						24 oz. (680 g)			
Handi-Foam Fireblock Polyurethane Foam Sealant	12 oz. (340 g)		24 oz. (680 g)			24 oz. (680 g)			
Handi-Foam Fireblock West Polyurethane Foam Sealant						24 oz. (680 g)			
Handi-Foam Black Polyurethane Foam Sealant	12 oz. (340 g)					24 oz. (680 g)	29 oz. (820 g)		
Handi-Foam Window & Door Polyurethane Foam Sealant	12 oz. (340 g)		24 oz. (680 g)			24 oz. (680 g)			
Handi-Foam Window & Door West Polyurethane Foam Sealant						24 oz. (680 g)			
Handi-Foam Extreme Window & Door*	12 oz. (340 g)		24 oz. (680 g)			24 oz. (680 g)	29 oz. (820 g)		
Handi-Foam Fireblock (Extreme)*	12 oz. (340 g)		24 oz. (680 g)			24 oz. (680 g)			

*These products are labeled to meet Canadian market regulations. For more information, see page 20–21.





SEALS, FILLS AND INSULATES

HANDI-FOAM®

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANT (OCF)

Designed to seal and fill small cracks, gaps and voids, creating a rigid, closed cell barrier against drafts, noise, moisture and air infiltration.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30002	12 oz (340 g) STRAW FOAM	1996 ft (608 m)
• P30101	20 oz (567 g) STRAW FOAM	3317 ft (1011 m)
• P30107	24 oz (680 g) STRAW FOAM	3992 ft (1217 m)
• P30152	29 oz (820 g) STRAW FOAM	4814 ft (1467 m)
• P30115	24 oz (680 g) GUN FOAM	4403 ft (1342 m)
• P30290	29 oz (820 g) GUN FOAM	5313 ft (1619 m)

TECH DATA

R-VALUE	4.70 at 1" thick
DENSITY	Straw – 1.10 lb/ft ³ (17.60 kg/m ³) Gun – 1.00 lb/ft ³ (16 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	<1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	67% CLOSED cell content
FIRE RATING	ASTM E84/UL 723 Caulking & Sealants
Flame Spread	25
Smoke Developed	50
APPROVALS	GREENGUARD Gold CCMC #13626-L
SHELF LIFE	Straw – 18 months Gun – 15 months



STOPS AIR INFILTRATION

HANDI-FOAM® 40 SERIES

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANT (OCF)

Formulated with a non-flammable blowing agent and designed to seal and fill small cracks, gaps and voids for a rigid, closed cell barrier. An adapter for gun use (F61125) is available to switch from the wand dispensing tool to a Handi-Tool; HT300, HT500 and HT700.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P40340	I-160 CYLINDER FOAM <i>WITH ACCESSORIES</i>	19572 ft (5965 m)
• P40341	I-160 CYLINDER FOAM <i>CYLINDER ONLY</i>	19572 ft (5965 m)
• P40540	I-260 CYLINDER FOAM <i>WITH ACCESSORIES</i>	31347 ft (9554 m)
• P40541	I-260 CYLINDER FOAM <i>CYLINDER ONLY</i>	31347 ft (9554 m)

R-VALUE	4.50 at 1" thick
DENSITY	1.60 lb/ft ³ (26 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	<1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	60% CLOSED cell content
FIRE RATING	ASTM E84/UL 723 Caulking & Sealants
Flame Spread	25
Smoke Developed	50
APPROVALS	GREENGUARD Gold
SHELF LIFE	12 months



CURES IN TEMPERATURES AS LOW AS 0°F (-18°C) AT OPTIMUM CHEMICAL TEMPERATURES

HANDI-FOAM® EXTREME

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANT (OCF)

Formulated for use in extreme temperatures, will cure in temperatures as low as 0°F (-18°C). Intended for use in small gaps, cracks and voids and prevents air and moisture infiltration.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30120	24 oz (680 g) GUN FOAM	4403 ft (1342 m)

R-VALUE	4.70 at 1" thick
DENSITY	1.00 lb/ft ³ (16 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	<1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	>70% CLOSED cell content
FIRE RATING	ASTM E84/UL 723 Caulking & Sealants
Flame Spread	25
Smoke Developed	50
APPROVALS	GREENGUARD Gold CCMC #13626-L
SHELF LIFE	15 months



FOR FIREBLOCKING IN TYPE V RESIDENTIAL CONSTRUCTION

HANDI-FOAM® FIREBLOCK

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANT (OCF)

Designed to seal, fill, bond and stop air infiltration. More effective than traditional fireblock materials at blocking the passage of flame and smoke in concealed penetrations from room to room and floor to floor in Type V residential construction.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30033	12 oz (340 g) STRAW FOAM	1996 ft (608 m)
• P30192	24 oz (680 g) STRAW FOAM	3992 ft (1217 m)
• P30181	24 oz (680 g) GUN FOAM	4403 ft (1342 m)

TECH DATA

R-VALUE	4.50 at 1" thick
DENSITY	Straw – 1.10 lb/ft ³ (17.60 kg/m ³) Gun – 1.00 lb/ft ³ (16 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	<1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	77% CLOSED cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84/UL 723 Caulking & Sealant 25 50
APPROVALS	GREENGUARD Gold UL ER #13919-01 CCMC #13626-L
SHELF LIFE	15 months



TESTED IN ACCORDANCE WITH AAMA 812 MULTI-APPLICATION FIREBLOCK

HANDI-FOAM® FIREBLOCK WEST

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANT (OCF)

Formulated as a multipurpose sealant for high temperature, low humidity climates. Used for blocking the passage of flame and smoke in concealed penetrations from room to room and floor to floor in residential construction. Tested in accordance with AAMA document 812 for a low pressure build that will not bow windows and doors.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30185	24 oz (680 g) GUN FOAM	3142 ft (958 m)

R-VALUE	4.20 at 1" thick
DENSITY	1.40 lb/ft ³ (22.40 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	<1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	87% OPEN cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84/UL 723 Caulking & Sealant 25 50
APPROVALS	GREENGUARD Gold UL ER #13919-01 Tested in accordance with AAMA 812
SHELF LIFE	15 months



IDEAL IN POND AND LANDSCAPE CONSTRUCTION - FISH SAFE!

HANDI-FOAM® BLACK

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANT (OCF)

Specially designed black in color, making it ideally suitable for areas where product appearance may be a factor, such as pond, waterfall and landscape design. Fish and plant safe.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30053	12 oz (340 g) STRAW FOAM	1996 ft (608 m)
• P30251	24 oz (680 g) GUN FOAM	4403 ft (1342 m)
• P30295	29 oz (820 g) GUN FOAM	5313 ft (1619 m)

R-VALUE	4.50 at 1" thick
DENSITY	Straw – 1.10 lb/ft ³ (17.60 kg/m ³) Gun – 1.00 lb/ft ³ (16 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	<1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	80% CLOSED cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84/UL 723 Caulking & Sealants 25 50
APPROVALS	GREENGUARD Gold CCMC #13626-L
SHELF LIFE	12 months



SEALS AROUND WINDOWS & DOORS WITHOUT BOWING

HANDI-FOAM® WINDOW & DOOR

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANT (OCF)

Tested in accordance with AAMA document 812, and will help to prevent bowing of windows or doors. Formulated with Dry Seal Technology™ to prevent moisture and mold problems by repelling water.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30270	12 oz (340 g) STRAW FOAM	1996 ft (608 m)
• P30271	24 oz (680 g) STRAW FOAM	3993 ft (1217 m)
• P30272	24 oz (680 g) GUN FOAM	4403 ft (1342 m)



Handi-Foam® Window & Door Sealant low pressure one-component polyurethane foam sealant is a closed cell, low pressure build window and door solution. Handi-Foam Window & Door is tested in accordance with AAMA document 812, and will help to prevent bowing of windows or doors. Because of its Dry Seal Technology, Handi-Foam Window & Door is designed to prevent moisture and mold problems by repelling water.



TECH DATA

R-VALUE	4.70 at 1" thick
DENSITY	Straw – 1.10 lb/ft ³ (17.60 kg/m ³) Gun – 1.00 lb/ft ³ (16 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	<1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	67% CLOSED cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84/UL 723 Caulking & Sealants 25 50
APPROVALS	GREENGUARD Gold AAMA 812 – Tested in accordance with voluntary specifications for low pressure window & door sealant
SHELF LIFE	Straw – 18 months Gun – 15 months



CURES IN TEMPERATURES AS LOW AS 0°F (-18°C) AT OPTIMUM CHEMICAL TEMPERATURES

HANDI-FOAM® WINDOW & DOOR WEST

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANT (OCF)

Formulated for use in extreme temperatures, will cure in temperatures as low as 0°F (-18°C). Tested in accordance with AAMA document 812, and will help to prevent bowing of windows or doors.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30273	24 oz (680 g) GUN FOAM	3142 ft (958 m)

R-VALUE	4.20 at 1" thick
DENSITY	1.40 lbs/ft ³ (16 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	87% OPEN cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84/UL 723 Caulking & Sealants 25 50
APPROVALS	GREENGUARD Gold AAMA 812 – Tested in accordance with voluntary specifications for low pressure window & door sealant
SHELF LIFE	15 months



LABELED TO MEET CANADIAN MARKET REGULATIONS

HANDI-FOAM® EXTREME FORMULATIONS

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM SEALANTS (OCF)

HANDI-FOAM® FIREBLOCK (EXTREME): Formulated for use in extreme temperatures, will cure in temperatures as low as 0°F (-18°C). Tested in accordance with AAMA document 812, and will help to prevent bowing of windows or doors windows or doors. Labeled to meet Canadian market regulations.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30033C	12 oz (340 g) STRAW FOAM	1996 ft (608 m)
• P30192C	24 oz (680 g) STRAW FOAM	3992 ft (1217 m)
• P30181C	24 oz (680 g) GUN FOAM	4403 ft (1342 m)

*See appropriate TDS for technical information.

HANDI-FOAM® EXTREME WINDOW & DOOR: Formulated for use in extreme temperatures, will cure in temperatures as low as 0°F (-18°C). Tested in accordance with AAMA document 812, and will help to prevent bowing of windows or doors windows or doors. Labeled to meet Canadian market regulations.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30002C	12 oz (340 g) STRAW FOAM	1966 ft (608 m)
• P30107C	24 oz (680 g) STRAW FOAM	3992 ft (1217 m)
• P30120C	24 oz (680 g) GUN FOAM	4403 ft (1342 m)
• P30290C	29 oz (820 g) GUN FOAM	5313 ft (1619 m)

*See appropriate TDS for technical information.

HANDI-FOAM FIREBLOCK (EXTREME) TECH DATA

R-VALUE	4.50 at 1" thick
DENSITY	1.00 lbs/ft ³ (16 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	77% CLOSED cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84/UL 723 Caulking & Sealants 25 50
APPROVALS	GREENGUARD Gold AAMA 812
SHELF LIFE	15 months

HANDI-FOAM EXTREME WINDOW & DOOR TECH DATA

R-VALUE	4.70 at 1" thick
DENSITY	1.00 lbs/ft ³ (16 kg/m ³)
TACK-FREE TIME	approx. 5 minutes
CUTTABLE	1 hour
FULLY CURED TIME	12–24 hours
CELL STRUCTURE	>70% CLOSED cell content
FIRE RATING Flame Spread Smoke Developed	ASTM E84/UL 723 Caulking & Sealants 25 50
APPROVALS	GREENGUARD Gold AAMA 812
SHELF LIFE	15 months

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM ADHESIVES

Handi-Foam® low pressure one-component polyurethane foam adhesives (OCF) are durable, construction adhesives that will not degrade polystyrene or other foam based building materials. These products provide a strong, durable bond with a various working times available. Handi-Foam provides an absolute airtight seal that meets the American Air Barrier Association's (AABA) standards for air barrier construction materials.

All of the polyurethane foam adhesives are packaged in pre-pressurized aerosol cans designed to be dispensed with a Handi-Tool® professional dispensing unit.



Handi-Foam® Architectural Foam Shapes
Low Pressure One-Component Polyurethane Foam Adhesive (OCF)

Handi-Foam® General Use
Low Pressure One-Component Polyurethane Foam Adhesive (OCF)

Handi-Foam® Subfloor
Low Pressure One-Component Polyurethane Foam Adhesive (OCF)

Handi-Foam® Accessories
Low Pressure Polyurethane Foam Accessories

PRODUCT SIZE SPECIFICATIONS

Handi-Foam® low pressure one-component polyurethane foam adhesives (OCF) come in a variety of sizes suited for use with professional dispensing units providing the flexibility to meet most application requirements. One-component coverage is calculated at ¼" (6.3 mm) bead size. Yields are based on theoretical calculations for comparison purposes only and will vary depending on application, technique, temperature, humidity and chemical conditions. See below for available sizes and formulations and check the products' TDS for more information (available on www.icpadhesives.com).

CANS & CYLINDERS									
Personal Protective Equipment (PPE) required: For more information, see the Product Stewardship Guidelines (A14009).	STRAW FOAM			GUN FOAM		CYLINDER FOAM			
	8" (203 mm)	11 ¼" (286 mm)	13 ½" (343 mm)	11 ¼" (286 mm)	13 ½" (343 mm)	7.5" (191 mm)	9.5" (241 mm)		
Handi-Foam Architectural Foam Shapes Adhesive					24 oz. (680 g)				
Handi-Foam General Use Adhesive					20 oz. (567 g)				
Handi-Foam Subfloor Adhesive					24 oz. (680 g)				





ADHERES FOAM SHAPES WITH A QUICK OPEN TIME OF 3 MINUTES

HANDI-FOAM® ARCHITECTURAL FOAM SHAPES

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM ADHESIVE (OCF)

Formulated for use with architectural foam shapes and mouldings of all sizes. Provides a quick, powerful bond to almost any surface and is easy to apply.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P30140	24 oz (680 g) GUN FOAM	3963 ft (1209 m)

TECH DATA

DENSITY	1.11 lbs/ft³ (17.80 kg/m³)
FULLY CURED TIME	12–24 hours
FULL BOND TIME	7 days
OPEN TIME	3 minutes
THIRD PARTY TEST	ASTM D6464
SHELF LIFE	9 months



ADHERES VARIOUS TYPES OF BUILDING MATERIALS WITH A 5 MINUTE OPEN TIME

HANDI-FOAM® GENERAL USE

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM ADHESIVE (OCF)

Designed to create an extremely strong, permanent bond between various types of building materials.

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3 mm) bead]
• P10178	20 oz (567 g) GUN FOAM	3289 ft (1002 m)

DENSITY	1.00 lbs/ft³ (16 kg/m³)
FULLY CURED TIME	12–24 hours
FULL BOND TIME	24 hours
OPEN TIME	5 minutes
SHELF LIFE	12 months



USED IN LAYING SUBFLOOR WITH A 20 MINUTE OPEN TIME

HANDI-FOAM® SUBFLOOR

LOW PRESSURE ONE-COMPONENT POLYURETHANE FOAM ADHESIVE (OCF)

Allows for easy dispensing compared to ratcheting a caulk gun when applying subfloor. Adheres to wet, dry or frozen lumber and contains no VOCs or solvents. Reduces fastener use, nail pops and squeaks, and is especially easy to apply in cold temperatures. Specialty Dispensing Tools are available for subfloor and other hard-to-reach applications. They come in two barrel lengths, 22 inches (56 cm) or 39 inches (100cm).

ITEM	DESCRIPTION	COVERAGE [at ¼" (6.3mm) bead]
• P10130	24 oz (680 g) GUN FOAM	3500 ft (1067 m)

DENSITY	1.00 lbs/ft³ (16 kg/m³)
FULLY CURED TIME	12–24 hours
FULL BOND TIME	7 days
OPEN TIME	20 minutes
THIRD PARTY TEST	ASTM D3498 ASTM E72
SHELF LIFE	12 months

EXCLUSIVE TECHNOLOGIES



As part of our unwavering dedication to product innovation, we are proud to deliver exclusive technologies only offered by ICP Adhesives and Sealants, Inc.



GREENGUARD Certification contributes to healthier indoor environments by identifying low-emitting products. This prestigious certification showcases our commitment to product stewardship by contributing to healthier indoor environments with our low-emitting products. All of ICP's certified products received the GREENGUARD Gold Certification. The GREENGUARD Gold certification tests products designed for use in office environments, schools, daycares or other indoor spaces. Visit www.green-guard.org for more information.



High Flow Technology® delivers what other polyurethane foams can not, filling cavities more efficiently, more effectively and more completely than any other building material. High Flow Technology gives professionals the ability to fill voids and cavities that were previously unable to be filled by any other substance. Formulations flow longer distances and around obstructions ensuring a complete fill, flowing through the deepest voids before significant curing begins. This industry first low pressure pour-in-place polyurethane foam (PIP) technology allows intricate cavities and spaces to be filled at three to four times the depth of traditional pour-in-place foams. Visit www.highflowtechnology.com for more information.



Choosing the best low pressure polyurethane foam product for the job is essential to efficient installation and customer satisfaction. The Comfort RXSM program features essential air sealing products designed with the weatherization contractor in mind. Handi-Foam® low pressure spray polyurethane foam, Mobile Magnum and the Magnum Heated Systems are capstones of the air seal product offering. Visit www.comfortrx.com for more information.



The FoamPro® Auto-Calibrator is a low pressure polyurethane foam dispensing breakthrough that provides incredible ease of use and unprecedented productivity. The Auto-Calibrator provides precise chemical control with no manual calibration needed. This product is available for use with all of our low pressure spray and pour-in-place polyurethane foam refillable systems.



ICP offers a wide variety of heating solutions to help condition and maintain optimum chemical temperature of the products. Properly conditioning chemical temperature prior to use is critical to the ratio, yield, adhesion and appearance of the low pressure polyurethane foam. It takes three times longer to warm chemical up than it does to cool it down.



See Parts & Accessories pages for more information.



Mobile Magnum™ Cart is ideal for transporting System 8 refillable cylinders around the job site. Designed with the weatherization contractor in mind, the Mobile Magnum Cart fits easily through standard interior and exterior doors, allow contractors to move about quickly and efficiently.



Handi-Foam® Window & Door low pressure one-component polyurethane foam sealant (OCF) is ICP's closed cell, low pressure build window and door solution. Handi-Foam Window & Door is tested in accordance with AAMA document 812 and will help prevent bowing of windows or doors. Because of its Dry Seal Technology, Handi-Foam Window & Door is designed to prevent moisture and mold problems.



The patented Handi-Gun dispensing units are available with our low pressure spray polyurethane foams (SPF) and low pressure pour-in-place polyurethane foams (PIP). The Handi-Guns offer convenient, cleanable, solvent resistant ColorWise™ Nozzles and a responsive trigger for accurate metering. (See page 28 for details about dispensing units)



ColorWise® Temperature Warning Nozzles change from clear to blue, indicating that the chemical has reached cold temperatures below 60°F (16°C) and the foam should not be dispensed. Stop spraying to avoid off-ratio foam and yield-loss, and properly condition the chemical before spraying again.

"WHEN THE NOZZLE TURNS BLUE STOP YOUR CREW."



HANDI-GUN® SPECIFICATIONS



The patented Handi-Gun dispensing units are available with our low pressure spray polyurethane foam (SPF) and low pressure pour-in-place polyurethane foam (PIP) disposable kits and refillable systems. The Handi-Guns offer easy nozzle attachments, responsive triggers for accurate metering and clear hoses to provide easy viewing of chemical flow. Additional options are available in the models below.

HANDI-GUN II REVOLUTIONIZING THE WAY TO SPRAY®

REVOLUTIONIZING THE WAY TO SPRAY®

- **Twist and Lock Nozzles:** Versatile cone and fan spray patterns with the updated twist and lock ColorWise® Temperature Warning Nozzles.
- **Variable Flow Control:** Advanced Hi/Lo switch with meterable flow for industry leading application control.
- **Intuitive Operation:** One hand required, simple and secure trigger safety that allows for pinch free operation and protection from accidental chemical release.
- **Sturdy & Comfortable Grip:** Ergonomically designed with you in mind, the Handi-Gun II has been refined to enhance comfort and control for our professional users.
- **Enhanced Visibility:** Clear hoses attached to the Handi-Gun II provide easy viewing of the chemical flow.

(Handi-Gun II only available with low pressure polyurethane foam refillable systems)



ColorWise
TEMPERATURE WARNING NOZZLES

HANDI-GUN THE ULTIMATE WAY TO SPRAY

THE ULTIMATE WAY TO SPRAY

- **Snap On/Snap Off Nozzles:** Convenient ColorWise® Temperature Warning Nozzles attachments with a snap-on, snap-off connection.
- **Responsive Trigger:** Allows for accurate metering, precise application, labor savings and reduced waste.
- **Enhanced Visibility:** Clear hoses attached to the Handi-Gun provide easy viewing of the chemical flow.



ColorWise
TEMPERATURE WARNING NOZZLES



HANDI-TOOL® SPECIFICATIONS

ICP offers a wide variety of sealants and adhesives created specifically for the professional user. Many of these products are intended to be used with the HT300, HT500, HT700 and other specialty dispensing units.

HANDI-TOOL® HT300

The Handi-Tool HT300 is a durable, solvent-resistant, entry-level dispensing unit for the professional contractor that allows for adjustable bead control. The HT300 has a barrel length of 7 inches (18 cm).



Item: F61050

HANDI-TOOL® HT500

The Handi-Tool HT500 is a durable, intermediate dispensing unit designed for the professional contractor for frequent use. This gun allows for adjustable bead control, is solvent resistant, and includes a non-stick teflonized basket and needle valve. The HT500 has a barrel length of 7 inches (18 cm).



Item: F61039

HANDI-TOOL® HT700

The Handi-Tool HT700 is a premium, all-metal barrel dispensing unit designed for the professional contractor for frequent use. This gun allows for adjustable bead control, is solvent resistant, includes a non-stick teflonized basket and needle valve, and offers available replacement non-stick teflonized basket, increasing the longevity of the dispensing unit. The HT700 has a barrel length of 7 inches (18 cm).



Item: F61030

SPECIALTY DISPENSING TOOLS

Specialty Dispensing Tools have an ergonomic design for subfloor and other hard-to-reach applications. They come in two barrel lengths, 22 inches (56 cm) or 39 inches (100cm).



Item: F61020



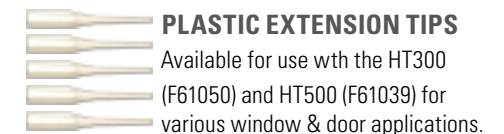
Item: F61060



HANDI-CLEANER® MULTIPURPOSE CLEANER

Multi-purpose Handi-Cleaner® is a spray solvent used to dissolve uncured foam. Handi-Cleaner can also be attached to the Handi-Tool Dispensing Units, allowing it to be flushed and kept clean and operable.

Item: P10083



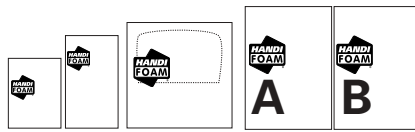
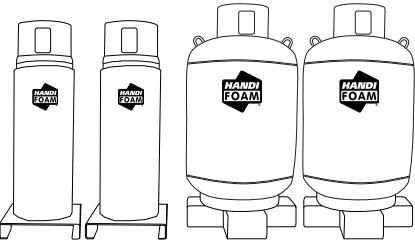




Item: E54250

PLASTIC EXTENSION TIPS

Available for use with the HT300 (F61050) and HT500 (F61039) for various window & door applications.

PARTS & ACCESSORIES

Many necessary accessories are included with each product as shown on the product pages. Additional or replacement accessories are available for purchase. In the chart below, use the icons to determine which additional accessories are appropriate for each product size.

<p>LOW PRESSURE SPRAY & POUR-IN-PLACE POLYURETHANE FOAM KITS (SPF & PIP)</p> 	<p>PPE</p> <p>HEATING BLANKETS</p> <p>NOZZLES</p> <p>HANDI-CLEANER®</p> <p>MISC SPF ACCESSORIES</p>
<p>LOW PRESSURE POLYURETHANE FOAM REFILLABLE SYSTEMS (SPF & PIP)</p> 	<p>PPE</p> <p>STARTER KITS</p> <p>HEATED HOSE</p> <p>NOZZLES</p> <p>HANDI-CLEANER®</p> <p>MISC REFILL ACCESSORIES</p> <p>HEATING BLANKETS</p>
<p>LOW PRESSURE POLYURETHANE FOAM MOBILE MAGNUM™ (SPF & PIP)</p> 	<p>PPE</p> <p>STARTER KITS</p> <p>HEATED HOSE</p> <p>NOZZLES</p> <p>HANDI-CLEANER®</p> <p>MISC REFILL ACCESSORIES</p> <p>HEATING BLANKETS</p>
<p>LOW PRESSURE ONE-COMPONENT STRAW FOAM SEALANTS & ADHESIVES (OCF)</p> 	<p>PPE</p> <p>HANDI-CLEANER®</p> <p>MISC OCF ACCESSORIES</p>
<p>LOW PRESSURE ONE-COMPONENT GUN FOAM SEALANTS & ADHESIVES (OCF)</p> 	<p>PPE</p> <p>HANDI-TOOL®</p> <p>HANDI-CLEANER®</p> <p>MISC OCF ACCESSORIES</p>
<p>LOW PRESSURE ONE-COMPONENT CYLINDER FOAM SEALANTS (OCF)</p> 	<p>PPE</p> <p>HANDI-CLEANER®</p> <p>MISC OCF ACCESSORIES</p>

PERSONAL PROTECTIVE EQUIPMENT (PPE)		
F65251	CONTRACTOR SAFETY KIT <i>(INCLUDES: SAFETY GLASSES, NITRILE GLOVES (2 PAIRS), NIOSH APPROVED RESPIRATOR (ORGANIC VAPOR CARTRIDGES, DUST/ MIST PREFILTERS AND 10 HYGIENIC WIPES), TYVEK® APRON & ARM GAUNTLETS)</i>	0 26547 65251 9

HANDI-GUN® NOZZLES (SPF & PIP)		
F66155	COLORWISE™ COMBO NOZZLE PACK (3 FAN & 5 CONE)	0 26547 66155 9
F66160	COLORWISE™ CONE NOZZLE (8 PACK)	0 26547 66160 3
F66123	COLORWISE™ CONE NOZZLE (25 PACK)	0 26547 66123 8
F66172	COLORWISE™ LONG CONE NOZZLE (8 PACK)	0 26547 66172 6
F66125	COLORWISE™ LONG CONE NOZZLE (25 PACK)	0 26547 66125 2
F66180	COLORWISE™ FAN NOZZLE (8 PACK)	0 26547 66180 1
F66121	COLORWISE™ FAN NOZZLE (25 PACK)	0 26547 66121 4
G71905	TWO-COMPONENT NOZZLE & MIXING ELEMENT <i>(ONLY AVAILABLE FOR II-12 & II-22 KITS)</i>	0 26547 71905 2
F66160MT	MINING FOAM CONE NOZZLE (10 PACK)	

HANDI-GUN II™ NOZZLES (SPF & PIP)		
F66433	COLORWISE™ LONG CONE NOZZLE (25 PACK)	0 26547 66433 8
F66431	COLORWISE™ FAN NOZZLE (25 PACK)	0 26547 66431 1
F66435	HANDI-GUN II RATIO NOZZLE (6 PACK)	0 26547 66435 2
F66437	HANDI-GUN II RATIO NOZZLE (25 PACK)	0 26547 66437 6

RATIO NOZZLES (SPF & PIP)		
F66436	COMBO RATIO NOZZLE PACK (4 HANDI-GUN & 4 HANDI-GUN II)	0 26547 66436 9

HANDI-TOOL® DISPENSING UNITS (OCF)		
F61050	7" (18 CM) HT300 HANDI-TOOL <small>A durable, solvent-resistant, entry-level dispensing unit for the professional contractor that allows for adjustable bead control. The HT300 has a barrel length of 7 inches (18 cm).</small>	0 26547 61050 2
F61039	7" (18 CM) HT500 HANDI-TOOL <small>A durable, intermediate dispensing unit designed for the professional contractor for frequent use. This gun allows for adjustable bead control, is solvent resistant, and includes a non-stick teflonized basket and needle valve. The HT500 has a barrel length of 7 inches (18 cm).</small>	0 26547 61039 7
F61030	7" (18 CM) HT700 HANDI-TOOL <small>A premium, all-metal barrel dispensing unit designed for the professional contractor for frequent use. This gun allows for adjustable bead control, is solvent resistant, includes a non-stick teflonized basket and needle valve, and offers available replacement non-stick teflonized basket, increasing the longevity of the dispensing unit. The HT700 has a barrel length of 7 inches (18 cm).</small>	0 26547 61030 4

SPECIALTY DISPENSING UNITS (OCF)		
F61020	22" (56 CM) DISPENSING TOOL <small>An ergonomic design for subfloor and other hard-to-reach applications. This Specialty Dispensing Tool has a barrel length of 22 inches (56 cm).</small>	0 26547 61020 5
F61060	39" (100 CM) DISPENSING TOOL <small>An ergonomic design for subfloor and other hard-to-reach applications. This Specialty Dispensing Tool has a barrel length of 39 inches (100 cm).</small>	0 26547 61060 1

HEATED HOSES (SPF & PIP)		
F66255	75' (23 M) MAGNUM HEATED SYSTEM HOSE ASSEMBLY	0 26547 66255 6
F66265	150' (46 M) MAGNUM HEATED SYSTEM HOSE ASSEMBLY	0 26547 66265 5

HEATING BLANKETS		
F65245	DISPOSABLE SPRAY FOAM CYLINDER HEAT WRAP <small>(SOLD INDIVIDUALLY FOR DISPOSABLE CYLINDERS)</small>	0 26547 65245 8
F65221	MOBILE MAGNUM™ FITTED HEAT WRAP <small>(FOR USE WITH THE MOBILE MAGNUM SYSTEM)</small>	0 26547 65221 2
F65230	SYSTEM 17/27 MAGNUM HEATED SYSTEM® CYLINDER WRAPS <small>(FOR USE WITH SYSTEM 17 AND SYSTEM 27 REFILL SYSTEMS)</small>	0 26547 65230 4
F65235	SYSTEM 60/100 MAGNUM HEATED SYSTEM® CYLINDER WRAPS <small>(FOR USE WITH SYSTEM 60 AND SYSTEM 100 REFILL SYSTEMS)</small>	0 26547 65235 9

HANDI-CLEANER®		
P10083	12 OZ. HANDI-CLEANER®	0 26547 10083 6

STARTER KITS (SPF & PIP)		
F65280	MAGNUM HEATED SYSTEM® STARTER KIT <small>F65005: NITROGEN REGULATOR F65090: 6' NITROGEN HOSE WITH COUPLING (A) F65100: 6' NITROGEN HOSE WITH COUPLING (B) F66401: 10" HANDI-GUN II HOSE ASSEMBLY</small>	0 26547 65280 9
F65263	MOBILE MAGNUM™ HIGH FLOW TECHNOLOGY® STARTER KIT <small>F65005: NITROGEN REGULATOR F65075: A-SIDE (RED) PIGTAIL REGULATOR HOSE F65085: B-SIDE (BLACK) PIGTAIL REGULATOR HOSE F66350: MOBILE MAGNUM CART F66401: 10" HANDI-GUN II HOSE ASSEMBLY</small>	0 26547 65263 2
F65285	FOAMPRO® AUTO-CALIBRATOR STARTER KIT <small>62988511606: AUTO-CALIBRATOR WALL MOUNT 62988511705: 3/8" RED SIDE FILTER UNIT AT 72" 62988511713: 3/8" BLUE SIDE FILTER UNIT AT 72" 62988510939: 1/2" VALVE ASSEMBLY RED</small>	0 26547 65285 4
72300	MOBILE MAGNUM® STARTER KIT <small>F65005: NITROGEN REGULATOR F65075: A-SIDE (RED) PIGTAIL REGULATOR HOSE F65085: B-SIDE (BLACK) PIGTAIL REGULATOR HOSE F66350: MOBILE MAGNUM CART 72100: 100' (30 M) HANDI-GUN II™ HOSE ASSEMBLY</small>	0 26547 72300 4

FOAM-PRO® AUTO-CALIBRATOR		
62988511606	AUTO-CALIBRATOR WALL MOUNT	
62988511705	3/8" RED SIDE FILTER UNIT AT 72"	
62988511713	3/8" BLUE SIDE FILTER UNIT AT 72"	
62988510939	1/2" VALVE ASSEMBLY RED	
62988510947	1/2" VALVE ASSEMBLY BLUE	
62988511861	SINGLE REGULATOR FOR AUTO CALIBRATOR	

MISC. REFILL ACCESSORIES		
F66350	MOBILE MAGNUM™ CART	0 26547 66350 8
F66220	10" (25 CM) HANDI-GUN HOSE ASSEMBLY	0 26547 66220 4
F66401	10" (25 CM) HANDI-GUN II HOSE ASSEMBLY	0 26547 66401 7
F65311	GRAM SCALE	0 26547 65311 0
F66181	HANDI-GUN TRIGGER STOP METERING CLIP (3 PACK)	0 26547 66181 8
F65160	HOSE-TO-GUN ON/OFF VALVE (A OR B)	0 26547 65160 4
F65161	MAGNUM HOSE CONNECTOR KIT	0 26547 65161 1
F65162	MAGNUM FEMALE HOSE CONNECTOR	0 26547 65162 8
F65180	REGULATOR WITH NITROGEN LINE ASSEMBLY (QUICK DISCONNECT)	0 26547 65180 2
F65320	6" (15 CM) EXTENSION TUBE (25 PACK) & 1 METAL EXTENSION GUIDE (FOR HIGH FLOW TECHNOLOGY ONLY)	0 26547 65320 2
F65313	250' (76 M) EXTENSION TUBING	0 26547 65313 4

MISC. SPF & PIP ACCESSORIES		
F66200	9.5' (3 M) HANDI-GUN HOSE ASSEMBLY	0 26547 66200 6
F66210	15' (5 M) HANDI-GUN HOSE ASSEMBLY	0 26547 66210 5
F66230	25' (8 M) HANDI-GUN HOSE ASSEMBLY	0 26547 66230 3
F66181	HANDI-GUN TRIGGER STOP METERING CLIP (3 PACK)	0 26547 66181 8

MISC. OCF SEALANT & ADHESIVE FOAM ACCESSORIES		
F61112	UNIVERSAL BASKET ADAPTER REPLACEMENT KIT	0 26547 61112 7
F62180	I-160/I-260 HOSE ASSEMBLY	0 26547 62180 5
F61125	ADAPTER FOR GUN USE WITH CYLINDER	0 26547 61125 7
F61165	45° ELBOW BASKET EXTENSION (FOR USE WITH F61020)	0 26547 61165 3
F61250A	1/4 BRASS BALL VALVE	0 26547 61250 6
E54130	6" (15 CM) BRASS NOZZLE (FOR CYLINDER ONLY)	0 26547 54130 1
E54140	10" (25 CM) BRASS NOZZLE (FOR CYLINDER ONLY)	0 26547 54140 0
E54250	PLASTIC EXTENSION TIPS (5 PACK) (FOR F61050 & F61039)	0 26547 54250 6

PRODUCT SELECTION

ICP Adhesives and Sealants, Inc. offers a wide variety of low pressure spray polyurethane foams (SPF), low pressure pour-in-place polyurethane foams (PIP), and low pressure one-component polyurethane foam sealants and adhesives (OCF). Based on application method, density, defining characteristics, key approvals or technology, the chart below helps to identify the right product to fit the needs of every job. Additional approvals, sizes and packaging specifications can be found on the pages specified for the product or the products Technical Data Sheet (TDS) (available on www.icpadhesives.com).

APPLICATION METHOD		LOW PRESSURE POLYURETHANE FOAMS / SEALANTS / ADHESIVES					
		TYPE	KEY CHARACTERISTIC & APPROVAL	SPRAY POLYURETHANE FOAM (SPF)	POUR-IN-PLACE POLYURETHANE FOAM (PIP)	ONE-COMPONENT FOAM SEALANTS (OCF)	ONE-COMPONENT FOAM ADHESIVES (OCF)
SPRAY (SPF)	Standard Density (1.75 lb)	Class 1 Fire Rated	Handi-Foam E84 Class 1(A) (pg. 7)				
		Black	Handi-Foam Commercial Vehicle (pg. 9)				
		MSHA Approval	Silent-Seal MVS (pg. 13)				
		MSHA Approval	Silent-Seal NA (pg. 13)				
		CSIR Approval	Silent-Seal SA (pg. 13)				
	High Density (3.1 lb)	Class 2 Fire Rated	Handi-Foam High Density (pg. 7)				
POUR-IN-PLACE (PIP)	Low Density (0.75 lb)	Class 2 Fire Rated	Handi-Foam Low Density (pg. 9)				
	Standard Flow	Class 2 Fire Rated		Handi-Foam Wall Seal (pg. 11)			
		60-90 second rise / Meets Title 33 flotation requirements		Handi-Foam Slow Rise (pg. 9)			
	High Flow Technology®	120-240 second rise		Handi-Foam Channel Fill EF (pg. 11)			
60-90 second rise / Meets Title 33 flotation requirements			Handi-Foam Channel Fill (pg. 11)				
BEAD (OCF)	Sealants	Standard formula			Handi-Foam Sealant (pg. 17)		
		Cylinder foam			Handi-Foam 40 Series (pg. 17)		
		Extreme cold formula			Handi-Foam Extreme (pg. 17)		
		Low pressure build for extreme temperatures			Handi-Foam Window & Door West (pg. 21)		
		Black formula			Handi-Foam Black (pg. 19)		
		Low pressure build			Handi-Foam Window & Door (pg. 21)		
		UL Evaluated formula			Handi-Foam Fireblock (pg. 19)		
		Cures in low humidity, AAMA 812			Handi-Foam Fireblock West (pg. 19)		
	Adhesives	approx. 3 minute open time				Handi-Foam AFS (pg. 25)	
		approx. 5 minute open time				Handi-Foam General Use (pg. 25)	
approx. 20 minute open time					Handi-Foam Subfloor (pg. 25)		



CONTACT ICP ADHESIVES & SEALANTS

ICP Adhesives and Sealants, Inc. (ICP) is committed to manufacturing only the highest quality products and to maintaining the highest levels of customer care and technical support. From the dedicated customer care center and product support desk, to the highly trained field sales representatives and icpadhesives.com, the goal is simple – **exceed the customer's expectations.**

CUSTOMER CARE CENTER

For questions on pricing or locating a distributor, to place an order, to check on an existing order or track a shipment, please contact our Customer Care Center:

330-753-4585 • 800-321-5585
 Fax: 330-753-9566
customercare@icpadhesives.com

PRODUCT SUPPORT

For technical or product questions, please contact our Product Support Department:

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 Fax: 330-753-9566
productsupport@icpadhesives.com

SAFETY & REGULATORY / PRODUCT STEWARDSHIP

For Technical Data Sheets, Technical Bulletins, and SDS Sheets, please contact our Safety and Regulatory Department or visit the website:

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 Fax: 330-753-9566
info@icpadhesives.com • www.icpadhesives.com

MARKETING SUPPORT

For information regarding trade show support, high resolution images or other marketing needs, please contact our Marketing Department:

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 Fax: 330-753-9566
marketing@icpadhesives.com

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For free online training on low pressure polyurethane products, accessories and applications, visit our website.

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For a current list of ICP Adhesives & Sealants' patent portfolio, visit www.icpadhesives.com.

Handi-Foam® 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. For polyurethane foam sealants/adhesives: wear protective glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure. Use only in a well-ventilated area. Avoid breathing vapors. Read the SDS and instructions carefully before use (www.icpadhesives.com). For spray polyurethane foams and pour-in-place polyurethane foams: wear protective glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure. Use only in a well-ventilated area and with certified respiratory protection or a powered air purifying respirator (PAPR). Additional information on ventilation can be found in the Product Stewardship Guide (www.icpadhesives.com). Read the SDS (www.icpadhesives.com) and instructions carefully before use. 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, Product Stewardship Guidelines, and operating instructions for guidance on the safe and proper application of the product (www.icpadhesives.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.