

PF-120 Window & Door Gun Foam

(LOW PRESSURE)

ULTRA SEAL®
PU FOAMS
TECHNICAL DATA SHEET

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UltraSeal® Window and Door Gun Foam is the ideal low pressure, UL classified, one-component polyurethane foam designed specifically for window and door installations. It is designed to be used with any one of the UltraSeal® Professional Foam Dispensers. UltraSeal® Window and Door Foam's low pressure feature greatly reduces the chance of bowing windows and doors while curing. It forms a superior air seal which prevents heat loss, noticeable drafts and is ideal for a variety of application areas. PF-120 can be easily installed using any one of NUCO dispensing foam guns.

FEATURES & TYPICAL USES:

UltraSeal® is a one component low pressure foam that is UL classified and approved by the AAMA (American Architectural Manufacturers Association) for low pressure Windows & Door foams. It is the ideal product for sealing around windows and doors in all commercial, residential and retrofit applications. UltraSeal® PF-120 will fill, insulate and seal around windows and door frame joints, beneath base plates, mud sills, top plate penetrations, corner joints, T-joints, exterior cracks, around utility panels, pipes and duct penetrations.

SURFACE PREPARATION & APPLICATION:

Surfaces should be free of dust, oil, grease, frost, and loose debris which may impair bond. Dampness will not impair bond. For maximum yield the temperature of the UltraSeal® PF-120 container should be 20°C (68°F). Minimum application temperature is 4°C (40°F). Colder temperatures lengthen curing time but will not affect the Ultra Seal PF-120 properties when fully cured. When applying Ultra Seal PF-120 follow the instructions on the container. Fill gaps, cracks and holes with the sealant making allowance for post expansion (fill cavities to 30% of volume). Multiple layers may be necessary in large cavities, with successive layers being allowed to expand and cure before the next layer is applied. Curing may be accelerated by spray misting the surrounding surface with water prior to application of the foam.

CAUTION:

Contents under pressure. Do not place in hot water or near radiators, stoves or other sources of heat. Do not puncture or incinerate container or store at temperatures over 49°C (120°F). **Keep out of reach of children.** Do not leave container in a closed area such as a motor vehicle, especially in the summer heat. Foam produced is combustible and may constitute a fire hazard if improperly used. **Important:** Use only in well ventilated areas. Wear impervious gloves, eye protection, and protective clothing when using. Read all instructions and safety information (MSDS) prior to use of any product. **First Aid:** Non-toxic under normal conditions. Treat as a mild irritant to skin. Flush eyes with water and see a physician. Product contains polymeric diisocyanate.

SPECIFICATIONS:

Ultra Seal PF-120 meets Underwriters Laboratories Inc. Caulking and Sealants applied to inorganic reinforced cement board + Flame spread 5, Smoke Developed 10. ODP (ozone depletion potentials): contains non-ozone depleting, non-flammable HFC propellant; VOC Content: Contains no VOC's.

SHELF-LIFE & STORAGE:

UltraSeal® PF-120 is an aerosol material and must be kept below 49°C (120°F). **Notice to purchaser:** UltraSeal® PF-120 is guaranteed to conform to product specifications, if used by the expiry date imprinted on each aerosol container (12 months after manufacture).

MANUFACTURED BY:

NUCO INC. T: 519.823.4994 TF: 1.800.853.3984
150 Curtis Drive F: 519.823.1099 E: sales@nucoinc.com
Guelph, ON N1K 1N5



FORM: PF120_TDS.DOC

REV.: 3 DATE: 04/08



FEATURES:

- A truly low pressure & low expansion foam.
- Closed cell structure reduces unwanted air & insect infiltration.
- Helps reduce energy consumption.
- Freeze – thaw stable.
- Reusable when stored properly.

AVAILABLE SIZES & COLOUR:

- 24oz (680g) can
- 12 cans / case; 64 cases / skid
- Foam is a dark grey

WARRANTY INFORMATION:

NUCO Inc., warrants only that its product will meet its specifications. NUCO shall in no event be liable for incidental or consequential damage. NUCO's liability, expressed or implied is limited to the stated selling price of any goods found to be defective.



www.Ultra-SealFoams.com

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TYPICAL PROPERTIES:

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These values are not intended for use in preparing specifications. Spec Writers; please contact NUCO Inc. before writing specifications if any further information is required.

Description	Specification
Application temperature:	4°C to 46°C (40°F to 115°F)
Density:	1.44 lbs./ft ³ (23 kg/m ³)
R-Factor (aged):	4 – 5 per inch (.03 w/m.k.) typically
Close Cell Content:	(ASTM D-2856) > 70%
Tack-Free Time 21°C (70°F) and 40% R.H.:	Approx. 5 minutes
Cuttable (1" Bead at room temp.):	<1 hour
Cure Time:	12 - 24 hours

DISCLOSURE

The information and data contained herein is BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. Please read all statements, recommendations or suggestions herein in conjunction with our CONDITIONS of SALE which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as recommendation for any use which would infringe any patent or copyright.

YIELDS:

Size	1/4" (6.3mm)	3/8" (9.5mm)	1/2" (12.7mm)
24oz	2,900 ft.	1,290 ft.	726 ft.
	883.9 m	393.2 m	221.3 m

• Volume:

- 24oz. = 29.5 L (1.04ft³)
- Yields are based on theoretical calculations for comparison purposes only & will vary depending on ambient conditions and particular applications.

APPROVALS & STANDARDS:

- Complies with AAMA document 812-4
- UL Classified – File #R13919 Caulking & Sealants, ASTM E-84 (8.3%), Flame Spread 5 / Smoke Developed 10
- ASTM #E-2112 Standard Practice for Installation of Windows, Doors and Skylights, sec. 5.9.2
- Canadian Standards Association Window and Door Installation Guidelines, A440.4-98
- ODP (Ozone Depletion Potential): Contains non-ozone depleting, non-flammable HFC propellant
- VOC Content: Contains no VOC's

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