

## PF-100 Tank Foam (LOW EXPANSION)

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**UltraSeal® Tank Foam** is the ideal low expansion, UL classified, one-component polyurethane foam designed for larger general sealing of gaps, holes and crevices. **UltraSeal® Tank Foam** forms a superior air seal which prevents heat loss, noticeable drafts and is ideal for a variety of application areas. UltraSeal® PF-10 Foam Cleaner is a valuable tool to keep handy when dispensing foam because it will instantly dissolve uncured foam.

### FEATURES & TYPICAL USES:

UltraSeal® PF-100 Tank Foam is a one component low expansion foam that is UL classified. It is the ideal product to seal, fill, & insulate around joints, beneath base plates, mud sills, top plate penetrations, corner joints, T-joints, exterior cracks, around utility panels, pipes and duct penetrations. It is specifically designed to be dispensed as a bead for filling cracks, crevices, and to fill smaller cavities on flat or irregular surfaces.

### 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-100 Tank Foam 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-100 properties when fully cured. When applying Ultra Seal PF-100 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-100 meets Underwriters Laboratories Inc. Caulking and Sealants applied to inorganic reinforced cement board + Flame spread 25, Smoke Developed 50. ODP (ozone depletion potentials): contains non-ozone depleting, non-flammable HFC propellant; VOC Content: Contains no VOC's.

### SHELF-LIFE & STORAGE:

UltraSeal® PF-100 Tank Foam is an aerosol material and must be kept below 49°C (120°F). Do not expose to open flame. **Notice to purchaser:** UltraSeal® PF-100 Tank Foam 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				



### FEATURES:

- A truly low expansion foam.
- Closed cell structure reduces unwanted air & insect infiltration.
- Helps reduce energy consumption.
- Reusable when stored properly.
- High volume container.
- Save time & money.

### AVAILABLE SIZES & COLOUR:

- 16lb tank (with or without hose assembly)
- 60 tanks / skid
- Foam is a creamy colour

### 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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### YIELDS:

Size	1/4" (6.3mm)	3/8" (9.5mm)	1/2" (12.7mm)
16lb	31,347 ft.	13,914 ft.	7,827 ft.
	9,554 m	4,241 m	2,386 m

### • Volume:

- 16lb = 302 L (10.66ft<sup>3</sup>)
- Yields are based on theoretical calculations for comparison purposes only & will vary depending on ambient conditions and particular applications.

### APPROVALS & STANDARDS:

- UL Classified – File #R13919 Caulking & Sealants, ASTM E-84 (12.5%), Flame Spread 25 / Smoke Developed 50
- ODP (Ozone Depletion Potential): Contains non-ozone depleting, non-flammable HFC propellant
- VOC Content: Contains no VOC's

### TYPICAL PROPERTIES:

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.

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Description	Specification
<b>Application temperature:</b>	4°C to 46°C (40°F to 115°F)
<b>Density:</b>	1.5 lbs./ft <sup>3</sup> (24 kg/m <sup>3</sup> )
<b>R-Factor (aged):</b>	4 – 5 per inch (.03 w/m.k.) typically
<b>Close Cell Content:</b>	(ASTM D-2856) > 60%
<b>Tack-Free Time 21°C (70°F) and 40% R.H.:</b>	Approx. 10 minutes
<b>Cutttable (1" Bead at room temp.):</b>	1 hour
<b>Cure Time:</b>	12 - 24 hours
<b>Air Barrier Properties: (ASTM E-283)</b>	
@ 6.24 psf (300 Pa)	<0.01 cfm/ft <sup>2</sup> (0.05 L/s/m <sup>2</sup> )
@ 1.57 psf (75 Pa)	<0.0025 cfm/ft <sup>2</sup> (0.0125 L/s/m <sup>2</sup> )

### 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.

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