

PURFECTSEAL Polyurethane Gun Foam

single component foam system

Technical Data Sheet



Description

PURFECTSEAL is a single component, moisture curing, low expansion gun foam which has good cold weather gun ability. It is specifically formulated to be 'O-Zone' friendly and is extremely economical.

Ideal for all weather applications down to -5°C.

Typical Uses

PURFECTSEAL is recommended for heating, air conditioning, refrigeration, plumbing, electrical and drywall.

It can be used in general construction applications and for filling gaps in new and retrofit construction such as around doors, windows and wall corners which are difficult to Draft Stop and Insulate.

Surface Preparation

Substrate must be clean, free of loose particles, dust, grease or release agents. Protect surfaces not to be foamed.

Installation

PURFECTSEAL is completely re-useable by following product instructions. Always store gun with foam can attached to gun.

Sizes

Available in 29 oz (750ml) cans it is packaged 12 cans per case. There are 64 cases per pallet.

Application

Read instructions carefully for dispensing gun and on PURFECT SEAL container. Always keep gun adapter area clean and leave partial can attached to gun. Remove fresh foam with gun foam cleaner. Use in well ventilated areas, always wear gloves, eye protection and protective clothing.

Specifications

Meets European B2 fire Standard. Has been tested and passed CAN/ULC-S102.2 & CAN/ULC-S102.1. Flame Spread & Smoke Development, Class 1 / Class A (Underwriters Laboratories Inc.)

Theoretical Yields

29oz (750 ml)

- 1/4" bead = 3,782 linear feet
- 3/8" bead = 1,682 linear feet
- 1/2" bead = 946 linear feet

Technical Properties

- **Density:** 1.05-1.2 lbs/ft³
- **Compressive Strength:** 6-7.3 psi
- **Shear Strength:** 5 psi
- **Elongation:** 20-30%
- **Thermal Resistance:** R4.2 / inch, ASTM C518
- **Open Time:** 6-8 minutes @ 70%RH
- **Max. Service Temp:** 110°C (240°F)
- **Application Temp. Range:** -5°C to 32°C (23°F to 90°F)
- **Temperature Resistance:** -40°C to 90°C (-40°F to 194°F)
- **Yield, L/100 g:** 1.875
- **UL Fire Rating:** Class 1 / Class A
- **Shelf Life:** 12 mnth*
**from manufacture date*

Storage

Store in a cool dry place. Do not expose to open flame or temperatures above 120°F (49°C).

Health & Safety

Flammable liquid may cause skin irritation and eye damage. Contents under pressure. Contains MDI monomer, polyurethane resin and a flammable propellant blend. Cured foam exposed to temperatures beyond 240°F (110°C) may release hazardous

decomposition products. Keep away from open flames and other sources of ignition. Use in well ventilated areas. Do not puncture can or use in areas above 120°F (49°C). Remove wet foam from skin with gun foam cleaner, acetone or nail polish remover. *Keep out of reach of children. Not for use by children.*

First Aid

In case of eye contact, flush eye with water for 15 minutes and get immediate medical attention. If ingested contact a physician.

Technical Support

NUCO is backed by an exceptional Technical Support team. If you require technical assistance, call our toll free technical support line at **1-800-853-3984**.

Limited Warranty

NUCO Inc. warrants this product to be free from defects. NUCO shall not be liable for any consequential or other damage or remedy. Its sole obligation and your exclusive remedy are limited to product replacement. There are no warranties which extend beyond the face hereof.



Sales & Customer Service

NUCO Inc.
150 Curtis Drive
Guelph, ON N1K 1N5
T: 519-823-4994
F: 519-823-1099
TF: 1-800-853-3984
E: sales@nucoinc.com

www.Nucoinc.com