

446 Acoustical & Vapour Barrier

NuFlex
SEALANTS

CONSTRUCTION ADHESIVE TECHNICAL DATA SHEET

NuFlex® 446 Acoustical & Vapour Barrier sealant is specially formulated to adhere to most common vapour barrier films as well as wood, metal, concrete and foam boards. NuFlex® 446 is non-skinning and non-hardening. A permanently flexible non-slumping sealant.

FEATURES & TYPICAL USES:

NuFlex® 446 can be used as a perimeter sealant for polyethylene vapor barrier film over fiberglass batt or other insulations providing a reduction in sound transmission. **NuFlex® 446** maintains a positive airtight seal by remaining both permanently adhesive and flexible to all substrates that it is applied on to such as wood, concrete, and metal.

NuFlex® 446 can be used as a bedding sealant for threshold sealant when applied to metal or glass surfaces. It is also an excellent sealant for metal roof rib keeping a good balance of cohesion and adhesion to painted and aluminized steel panels. **NuFlex® 446** is non-staining, non-bleeding and is water resistant, even under immersion conditions.

SURFACE PREPARATION & APPLICATION:

Use between 5°C and 49°C (40°F-120°F). Surfaces must be clean and dry. Cut nozzle at a 45 degree angle to desired bead size, puncture inner seal and apply with a caulking gun. Clean up excess with VM&P naphtha or mineral spirits. Apply at a 40° angle using constant pressure. Support tooled or joined surfaces for 8 hours minimum.

CAUTION:

Read all material information and Material Safety Data Sheets (MSDS) prior to using product. Use only in well vented areas and avoid breathing vapors. Always use protective eyewear and clothing. If eye contact occurs, flush with large amounts of water, frequently flushing under the lids. Seek medical attention. Avoid skin contact and do not ingest. If ingestion occurs, **DO NOT** induce vomiting. Get medical attention.

SHELF-LIFE & STORAGE:

Shelf life is 12 months from date of shipment when stored in a clean, dry area with temperatures between 5°C to 32°C (40°F to 90°F). DO NOT store or handle near ignition sources. Keep containers closed when not in use.

LIMITATION:

Sealant will not accept paint. Use only in concealed areas. All surfaces to be sealed or bonded must be clean and dry.

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: 446_TDS.DOC

REV.: 6 DATE: 05/11



FEATURES:

- Non-skinning.
- 30 minute working time.
- Ideal as a perimeter sealant for polyethylene vapour barrier.
- Non-staining.
- Adheres to many substrates.

AVAILABLE SIZES & COLOUR:

- 300 mL (10.1 fl.oz.) cartridge
- 825 mL (28 fl.oz.) cartridge
- 12 cartridges per case
- 144 cases per skid (300 mL)
- 54 cases per skid (825 mL)
- Available color: Charcoal.



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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.

Description	Specification
As Supplied...	
Base Polymer:	Butyl Synthetic Rubber
Aged Tack:	Permanently Tacky
Shrinkage:	10% Minimum by volume
Flash Point:	40°C (105°F)
VOC Content:	< 100 g/L, by weight
Solids Content:	89% Min.
Weight/ Gallon:	5.9 kg (13 lbs.)
Specific Gravity:	1.6 g/mL
Application Data:	
Service Temperature:	-29°C to 82°C (-20°F to 80°F)
Application Temperature:	5°C to 49°C (40°F to 120°F)
Storage:	5°C to 32°C (40°F to 120°F)
Shelf Life:	One year

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.

SPECIFICATIONS :

NuFlex® 446 meets & exceeds :

- CAN/CGSB 19.21 M87,
- AAMA 809.2 et
- NAAMMSS-la-68.

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.



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