

446 Acoustical & Vapour Barrier



CONSTRUCTION ADHESIVE TECHNICAL DATA SHEET

NuFlex® 446 Acoustical & Vapour Barrier Sealant is a specially formulated non-skinning, non-hardening, permanently flexible acoustical and vapour barrier sealant.

FEATURES & TYPICAL USES:

NuFlex® 446 can be used as a perimeter sealant for polyethylene vapour barrier over fiberglass batt or other insulations providing a reduction in sound transmission as well as maintaining a positive airtight seal. NuFlex® 446 can also be used as a metal roof panel rib sealant as well as a bedding sealant. It also adheres to other barrier films, wood, metal, concrete, and foam board.

SURFACE PREPARATION & APPLICATION:

For good adhesion, the joint interface must be sound, clean and dry. Any surface damage, dirt, dust loose particles or other contaminants which may inhibit adhesion shall be removed from the surfaces prior to the application of the sealant. Priming is not required. Cut nozzle to desired opening size and puncture inner seal. Run a continuous bead of sealant to one substrate and clean up any excess. *See Limitation* for restrictions. Applies easily with a NuFlex® Caulking Gun. Apply bead onto substrate and cover within 24 hours to prevent tracking and dirt pickup that may inhibit adhesion.

TOOLING & CLEANING:

Tooling is recommended immediately after application to insure firm, intimate contact with the joint interface. Dry tooling is preferred although tooling agent can be utilized. Cleaning can be accomplished with Xylol or Toluol.

CAUTION:

Caution - Combustible. Contains petroleum distillates. Keep away from heat and open flame. Avoid prolonged contact with skin a breathing of vapour. Use only with adequate ventilation. Do Not take internally. **KEEP OUT OF REACH OF CHILDREN.**

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 and use only in concealed areas. Do not apply to damp or contaminated surfaces and do not apply in exposed interior or exterior applications.

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.: 8 DATE: 06/12



Features:

- Non-skinning.
- Non-curing.
- Permanently flexible.
- Outstanding adhesion & durability.
- Ideal vapour barrier sealant.
- Adheres to many substrates.

AVAILABLE SIZES & COLOUR:

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

YIELD:

- 300 mL (10.1 fl.oz.) cartridge
 - 24 linear feet
- 828 mL (28 fl.oz.) cartridge
 - 67 linear feet

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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...	
Resistance to Sag:	Passes
Extrusion Rate:	Passes
Viscosity:	1,000,000 cps
Loss of Mass (after heat aging):	Passes
Resistance to Staining & Bleeding:	Passes
Low Temperature Flexibility:	Passes (-10°C)
Cracking/ Blistering:	Passes
Shear Modulus:	45,000 N/m ³
Density:	1720 Kg/m ³
Storage:	5°C to 32°C (40°F to 120°F)
Shelf Life:	12 months from date of mfg.

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 :

- CGSB 19-GP-21
- QPL #60963-H)

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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