

# NuFlex® 110 BUTYL RUBBER ROOFING SEALANT



**NuFlex® 110 Butyl Rubber Roofing Sealant** is a single component, solvent release butyl designed to provide excellent exterior weathering properties. NuFlex® 110 is formulated for use on many dissimilar building surfaces. It is our best narrow-bead sealant. Ideal for sealing asphalt and metal roofing systems. It adheres well to damp surfaces.

## ■ FEATURES & TYPICAL USES:

### Features:

- Skinning rubber butyl
- Ideal exterior weathering sealant
- Exterior & interior use
- Paintable
- Adheres to many dissimilar substrates
- Will not crack
- Resistant to sunlight, ozone, water, vapour transmission, cleaning chemicals, and weathering

### Bonds To:

- Metal (including aluminium)
- Glass
- Wood
- Brick
- Stone
- Masonry
- Paint

### Basic uses include:

1. Asphalt & metal roof joints and penetrations
2. Sealing skylights, windows, & doors where in contact with roofing materials

### Other uses include:

3. Sealing narrow seams

## ■ SURFACE PREPARATION & APPLICATION:

**Before Use:** Read the label in its entirety.

### Surface Preparation:

- Surfaces must be structurally sound, clean, dry, and free from oil, grease, water, dirt, or any other material and membranes that may deter adhesion.
- NuFlex® 110 should not be applied when temperature is 4°C (40°F) or less.
- A primer may be required for certain surfaces.

### Application:

1. Cut nozzle to desired bead size and cut inner seal.
2. Using a caulking gun [unless packaged in a squeeze tube], dispense a bead of sealant to the prepared surfaces in a uniform thickness. 110 Butyl is supplied ready-to-use.
3. Smooth and tool bead immediately following installation with a knife dipped in mineral spirits or water.
4. Allow sealant time to cure in an unconfined area.

### Cure:

- Cure time is affected by humidity, degree of confinement, and cross-sectional thickness of the sealant.
- Sections up to 3.2 mm (1/8") thick become tack free in 2 hours at 25°C (77°F) at 50% relative humidity, form skin within 24 hours, and fully cure within 21 days.
- Painting is unnecessary, but if desired can be done after curing for 1 week.
- In applications where NuFlex® 110 may be partially or totally confined during cure, the time required for proper cure is generally lengthened by the degree of confinement. Every application involving confinement should be thoroughly tested before production procures.
- Curing time increases with the thickness of the sealant. A 12.7 mm (1/2") cross section for example, may require several additional days for complete cure. However, the cure will have penetrated the outer 3.2 mm (1/8") in about 24 hours.

### Clean-up:

1. Uncured NuFlex® 110 butyl sealant cannot be removed with water.
2. Remove the bulk of the uncured sealant with a plastic scraper, being careful not to compress it into cracks or crevices.
3. Use a cloth saturated with mineral spirits, acetone, or denatured alcohol to wipe away any remaining butyl.
4. Clean surface with soap and water if possible.



**NuFlex**  
SEALANTS

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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
<b>As Supplied...</b>	
Type:	One part butyl rubber sealant
Cure method:	Solvent release
Specific gravity:	1.32
% Solid:	80% minimum
Flash Point:	40°C (105°F)
ASTM D2202 - Slump resistance	Pass
ASTM 603 - Application temperature range (°C (°F)):	4° to 49°C (40° to 120°F)
ASTM D2377 - Tack free time:	2 hours
Cure time:	21 days, solvent release

### As Cured - Physical - after 7 days at 25°C (77°F) and 50% relative humidity...

Joint movement:	±7.5%
ASTM D1475 - Weight per gallon:	11 lbs
ASTM D2453 - Volume shrinkage:	20% maximum
ASTM D2203 - Staining:	Pass
ASTM C1299 - Service temperature range:	-29° to 93°C (-20° to 200°F)

## SPECIFICATIONS:

NuFlex® 110 Butyl Sealant meets:

- CGSB 19-GP-14
- ASTM C-1311
- U.S. Federal Spec. TT-S-001657, Type 1, TT-C-05 98C, TTC-1796A
- AAMA 808.3

## LIMITED WARRANTY INFO:

NUCO Inc., warrants only that its product will meet its specifications for a period of 12 months following date of manufacture. NUCO shall in no event be liable for incidental or consequential damage, or improper storage. NUCO's liability, expressed or implied is limited to the stated selling price of any goods found to be defective.

**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.

## LIMITATIONS:

- Care should be exercised when using NuFlex 110 on certain types of plastic, as crazing may occur.
- Avoid repeated freeze-thaw cycles while product is still in the cartridge

## STORAGE AND SHELF LIFE:

- Shelf life is 12 months from the date of manufacture when stored in a clean, dry area.
- Store between 18° to 43°C (65° to 110°F).
- For best results, store the sealant in tightly closed containers when not in use.

## CAUTION:

- Use in well ventilated areas and avoid breathing vapours.
- On contact, uncured sealant irritates eyes. Flush eyes with lukewarm water. Call physician.
- Avoid skin contact and DO NOT ingest.
- Consult Safety Data Sheet.

## MANUFACTURER INFORMATION:

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 Guelph, ON N1K 1N5 F: 519-823-1099 E: info@nucoinc.com

## AVAILABLE SIZES & COLOURS:

SKU	Colour	Size	Format
11001	White	300 ml	Cartridge
11003	Black	300 ml	Cartridge
11006	Grey	300 ml	Cartridge