

Where to use Big Stretch®

Big Stretch is perfect for many interior and exterior applications, including: windows, doors, siding, vents, soffits, eaves and baseboards. It is also good for crown molding and sound-proofing interior walls. Big Stretch adheres to most building materials:

- Wood
- Asphalt
- Steel
- Formica
- Vinyl
- Cinder Block
- Stucco
- Fiberglass
- Metal
- Aluminum
- Glass
- Ceramic Tile
- Brick
- Concrete Walls & Panels

Where not to use Big Stretch®

- Areas of water submersion or frequent, prolonged puddling
- Areas with high foot and/or vehicle traffic (driveways, sidewalks, decks, patios, etc.)
- A roof exposed to prolonged dampness (use Sashco's Through the Roof!® instead)
- Big Stretch Clear should not be used on copper flashing. Colored Big Stretch, Sashco's Lexel® or Sashco's Through the Roof! are best for this application.

Warranty

Sashco warrants this product will substantially meet published specifications on the date of sale. If it fails to do so, return unused portion with original sales receipt for replacement or refund, at Sashco's sole option. These are purchaser's sole and exclusive remedies for any breach of warranty. Purchaser must determine suitability of product for purchaser's specific needs and assumes all risk associated with its use.

Except as stated above there are no warranties for this product. **The foregoing express warranty is in lieu of all other warranties, express or implied, including without limitation implied warranties of merchantability or fitness for a particular purpose, which warranties are specifically excluded and disclaimed.** This Limited Warranty gives you specific legal rights. You may have other rights which vary from state to state. Some states do not allow exclusion of implied warranties in consumer or other sales, limitations on the duration of implied warranties, or exclusion or limitation of incidental or consequential damages. Thus, the limitations or exclusions contained above may not apply to you depending upon your specific circumstances.

Typical Properties

Colors: White, Gray, Woodtone, Dark Brown, Tan, Clear, Almond, Redwood, Black, Ironstone, Limestone, Slate Gray and Pine Green

Packaging: 10.5 oz. plastic cartridges or 29 oz. fiber cartridges

Joint Size: Spans gaps up to 2" wide (1/2" depth)

Paintability: Paintable with exterior latex paints/stains after 4 hours and interior latex paints/stains after 24-48 hours (more for humid conditions). Paintable with most exterior oil-based paints/stains after 1 week. Note: some low-end, flat latex paints may crack over Big Stretch, regardless of cure time.

Application Range: 40°F to 120°F (4°C to 49°C)

Service Range: -30°F to 250°F (-34°C to 121°C)

Specifications: Meets FHA requirements. Meets or exceeds Federal Specification TT-S-00230 C, ASTM C-834, ASTM C-920, Type S, NS, Class 25, Use NT, M, A. Exceeds 10% weight loss.

VOC: 59.8 g/L, < 1.5%

Extrusion Rate (ASTM C-603): 750 g/min (1/8" orifice at 40 psi)

Tensile Properties:

Recovery at 50% stretch: 100% in 3 minutes

Recovery at 100% stretch: 96% in 5 minutes

Durability (ASTM C-719): 25% total joint movement (10 cycles @ -15°F (-26°C))

Freeze-Thaw Stability (ASTM C-731): Passes 10 cycles 0°F to 70°F (-18°C to 21°C)

Hardness, Shore A (ASTM C-661): 32 (21-day cure)

Slump (ASTM D-2202): < 1/8" (3/4" vertical channel)

Solids (ASTM C-1250): 83.8% by weight (pigmented) • 61.2% by weight (clear)

Tack-free: Less than 1 hour

Cured (ASTM C-679): 4-5 days (dependent on temperature, humidity and bead size)

The data reported here are believed to be reliable. No warranty is made concerning the accuracy or the results obtained from their use.

ASTM C-794 Adhesion-in-Peel Data

Substrate	Pass or Fail	Substrate	Pass or Fail
Aluminum	Pass	Glass	Pass
Alkyd Stain	Pass	Pine	Pass
Brick	Pass	PVC Plastic	Pass
Cedar	Pass	Stucco	Pass
Concrete	Pass	Vinyl	Pass
Galvanized Steel	Pass		



10300 E. 107th Place, Brighton, CO 80601
1-800-289-7290 • www.sashco.com

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Big Stretch

Won't crack... "It Just Stretches"



Interior & Exterior Sealant

- Easy to Gun
- Easy to Tool
- Spans up to 2" Gaps





All Homes Move...

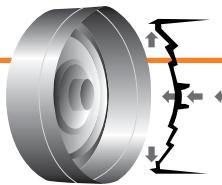
The window frame moves away from the siding or the door shifts against the brick. They move when the temperatures change, the wind blows, the ground swells or the earth quakes. Most caulks can't take it – they dry hard and crack out.

That's why you need Big Stretch. It works when other caulks fail. It has powerful adhesion but stays elastic

and rubbery. It will twist, bend, stretch and compress to absorb just about any movement a home can dish out.

Big Stretch® Features

- Limited lifetime warranty
- Super elastic
- Freeze-thaw stable: leave it out overnight and it will still be good when it thaws out!
- Skins over quickly for better rain and dust resistance
- Paintable within 24 hours with latex paint
- Highly resistant to UV and ozone attack



Alyster Plunger

10.5 cartridges come with Sashco's unique Alyster plunger.

A flexible telescopic diaphragm not only stops material flow, it actually pulls material back into the nozzle!

- **Tight Seal** – Increases shelf life and minimizes leakage.
- **Stop Flow** – The flexible telescopic diaphragm assures that material flow will stop when caulk gun pressure is released.

Before you Start: Good Tips to Know

- Check the weather. Pick a time where you'll have good surface and air temperatures: 40°F (4°C) and rising to 120°F (49°C) and falling.
- Lower temperatures and higher humidity will slow cure time, so be sure to allow 1-3 days curing before exposure to direct rainfall. Use plastic sheeting with good airflow underneath to protect the product if rain is expected sooner.
- Natural shrinkage will give the joint a concave appearance; multiple applications may be needed to fill the joint flat.
- Big Stretch accepts latex paints/stains within 4 hours. (Wait at least 24 hours with low-end latex paints. Some low-end, flat latex paints may crack over Big Stretch, regardless of cure time.) If using an oil-based paint/stain, allow 1 week to cure. Larger beads may require more cure time before painting. Some paints/stains may interfere with adhesion regardless of dry time.
- Contact Sashco's Customer Service with compatibility or timing questions at 1-800-289-7290.



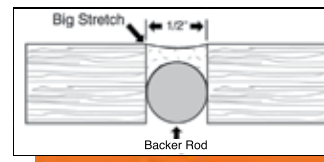
Application Steps

Substrate/Surface Prep

- If dirt or oils are present, wash with any household cleaner, rinse to remove and allow to thoroughly dry.
- Remove any old caulk, especially silicone. Use a silicone remover such as McKanica® Silicone Caulk Remover*.

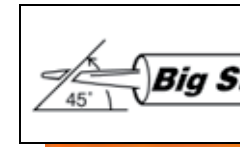
*McKanica® is a registered trademark of Jakqumar AG Corporation Switzerland, Zug, Switzerland.

- **Joint design:** Insert backer rod into joints deeper than 1/2" to provide for proper sealant depth and a stronger, longer lasting seal that actually uses less Big Stretch (refer to diagram for details).

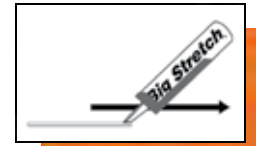
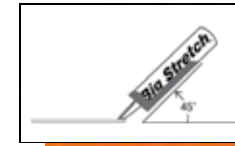


Applying Big Stretch

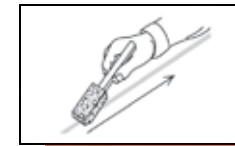
- Choose Bead Size – Cut the spout at a 45° angle to your desired bead size and puncture the inner seal.



- Gun Big Stretch into the joint and release the trigger at the end of each bead. With the Alyster Plunger, you can be assured there will be no waste.



- For a smoother bead, use a damp foam or paint brush with a light, skimming touch. You can also use a beading tool.



Clean Up & Storage

- Clean up tools and hands with warm water and soap.
- Leftover Big Stretch can be stored if the nozzle is tightly wrapped with plastic wrap and a rubber band.

For additional application tips and information on other Sashco high performance products, visit www.sashco.com

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Big Stretch®

Won't Crack... "It Just Stretches"®

DESCRIPTION:

Big Stretch® is a 100% acrylic high-performance water-based elastomeric sealant with powerful adhesion and superior elasticity. It spans gaps up to 2" wide and stretches up to 500% of original joint size without cracking. Big Stretch won't crack...it just stretches.

WHERE TO USE:

Interior and exterior applications, including:

- Windows
- Doors
- Siding
- Vents
- Soffits
- Baseboards
- Eaves
- Crown Molding
- Sound-proofing interior walls

ADHERES TO: (all conform to ASTM C-794)

Most building materials including:

Metals

- Aluminum
- Brass
- Steel
- Anodized Windows

Plastics

- ABS
- Plexiglass
- Urethane
- Polystyrene
- Lexan®*
- PVC
- Vinyl
- Nylon
- Acrylic Sheet
- Fiberglass
- Polycarbonate

Other Surfaces

- Asphalt
- Corian1®*
- Glass
- Stucco
- Stone
- Drywall
- Tile
- Wood
- Mortar
- Brick
- EIFS
- Cinder Block
- Formica®*
- Hot melt Butyl
- Concrete
- Fiber Cement

COLORS:

- White
- Redwood
- Woodtone
- Dark Brown
- Pine Green
- Limestone
- Almond
- Tan
- Gray
- Clear
- Black
- Ironstone
- Slate Gray

Visit www.sashco.com for a color compatibility chart that matches Big Stretch colors to various vinyl window manufacturers' colors.

PACKAGING:

- 10.5 oz. plastic cartridges
- 29 oz. fiber cartridges (white only)

COVERAGE:

A 10.5 oz. cartridge will yield approx. 26 lineal feet with a 1/4" (6 mm) bead.

PAINTABILITY:

Paintable with exterior latex paints/stains after 4 hours and interior latex paints/stains after 24-48 hours (more for humid conditions). Paintable with most exterior oil-based paints/stains after 1 week. Note: some low-end, flat latex paints may crack, regardless of cure time.

* Corian1®, Lexan®, and Formica® are registered trademarks of their respective owners.

FEATURES

- Super elastic, moves instead of tears
- Spans gaps up to 2" wide with no slump
- Powerful adhesion
- High durability
- Water-based
- Low VOC

BENEFITS

- Eliminates costly call backs
- Stays where it's applied
- Won't tear or pull away
- Performs well in most any type of climate
- Easy to tool and clean up
- Meets strictest VOC requirements; environmentally friendly
- Compatible with latex paint and most oil-based paints, sealers and stains
- Simply thaw & apply, no wasted product
- Have confidence that you're using the right product
- More for your money
- No more shiny caulk lines
- Less waste, less mess



WHERE NOT TO USE:

- Areas of water submersion or frequent, prolonged puddling
- Areas with high foot and/or vehicle traffic (driveways, sidewalks, decks, patios, etc.)
- Roofs exposed to prolonged dampness (use Sashco's Through the Roof!® instead)
- Big Stretch **Clear** should not be used on copper flashing. *Colored Big Stretch, Sashco's Lexel® or Sashco's Through the Roof! are best for this application.*
- Will not adhere to or is incompatible with Kynar®, Polypropylene, Waxes, Polyethylene, Teflon®, and Silicone.

APPLICATION:

- Lower temperatures and higher humidity will slow cure time. Allow 1-3 days curing before exposure to direct rainfall. Use plastic sheeting with good airflow underneath to protect the product if rain is expected sooner.
- Natural shrinkage will give the joint a concave appearance; multiple applications may be needed to fill the joint flat.
- If dirt or oils are present on the substrate, wash with any household cleaner, rinse to remove and allow to thoroughly dry.
- Remove any old caulk, especially silicone and all silicone residue. Use a silicone remover such as McKanica® Silicone Caulk Remover.
- Insert backer rod into joints deeper than 1/2" to provide for proper sealant depth and a stronger, longer lasting seal.
- Choose bead size and cut the nozzle. Puncture the inner seal.
- Gun Big Stretch into the joint.
- Tool for a smoother bead using a damp foam or paint brush with a light, skimming touch, or use a beading tool.

STORAGE AND CLEAN UP:

- Clean up tools and hands with warm water and soap.
- Leftover Big Stretch can be stored if the nozzle is tightly wrapped with plastic wrap and a rubber band.

TYPICAL PROPERTIES:

Property	Value
Joint Size	Maximum 2"
Application Range	40°F to 120°F (4°C to 49°C) surface temperature
Service Range	-30°F to 250°F (-34°C to 121°C)
Tensile Properties	Recovery at 50% stretch: 100% in 3 minutes Recovery at 100% stretch: 96% in 5 minutes
VOC	59.8 g/L < 1.5% by weight

TEST DATA:

Property	Results	Test Method
Durability	25% total joint movement (10 cycles @ -15°F (-26°C))	ASTM C-719
Hardness, Shore A	32 (21-day cure)	ASTM C-661
Slump	< 1/8"	ASTM D-2202
Solids	• 83.8% by weight (pigmented) • 61.2% by weight (clear)	ASTM C-1250
Extrusion Rate	750 g/min (1/8" orifice at 40 psi)	ASTM C-603
Freeze-Thaw Stability	Passes 10 cycles 0°F to 70°F (-18°C to 21°C)	ASTM C-731
Low Temp. Flexibility	Pass (not artificially weathered)	ASTM C-734
Tack-free	Less than 30 minutes	ASTM C-679
Cured	4-5 days (dependent on temperature, humidity and bead size)	ASTM C-679
Adhesion-in-peel Passing Substrates	See "ADHERES TO" section on front page	ASTM C-794

SPECIFICATIONS:

- Meets FHA requirements.
- Meets or exceeds Federal Specification:
 - TT-S-00230 C
 - ASTM C-834
 - ASTM C-920, Type S, NS, Class 25, Use NT, M, A. Exceeds 10% weight loss.

The data reported here are believed to be reliable.

No warranty is made concerning the accuracy of or the results obtained from their use.

* Teflon®, Kynar® and McKanica® are registered trademarks of their respective owners.



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10300 E. 107th Pl., Brighton, CO 80601
Made in the USA

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Visit www.sashco.com for information on other Sashco high performance products.