

STANLEY® S 302 WINDOW & DOOR MULTIFLEX™



DESCRIPTION

STANLEY S 302 WINDOW & DOOR MULTIFLEX is a single-component joint sealant based on advanced hybrid polymer technology, offering exceptional elasticity and performance for both indoor and outdoor applications. This low-modulus sealant is designed to provide a durable, flexible seal that accommodates movement between window and door frames, ensuring long-lasting protection against air, water, and dust infiltration. Its advanced hybrid formulation combines the best properties of silicone and polyurethane, delivering superior adhesion to a wide range of substrates, including glass, metal, wood, and plastics. It is especially well-suited for areas subject to expansion and contraction, providing excellent flexibility without compromising its sealing properties. Whether for new installations or repairs, this high-performance sealant ensures a reliable, weather-resistant barrier in windows, doors, and other joint sealing applications.

PRODUCT FEATURES

- Low modulus - can withstand extreme joint movement
- Does not contain solvent, silicone or isocyanate
- No bubble formation, even in wet and humid conditions
- Very good UV resistance
- Excellent elasticity and very good adhesion strength
- Over-paintable with water based paints
- No shrinkage
- Primer less adhesion on many different substrates (preliminary test recommended)

APPLICATIONS

- Expansion and connection joints in the building industry
- Sealing of joints in prefabricated buildings
- Movement joints in high rise constructions
- Sealing between window and door frames. Where joints have to be painted

PRODUCT INFORMATION

PACKAGING	Net 9.8 Oz. / 290 ml plastic cartridges
	12 pcs in box
SHELF LIFE	12 Months
STORAGE	In a cool and dry environment, between +50°F to +77°F.
COVERAGE	Reference: www.stanleychem.com/en/joint-sealant-calculator
SKU	COLOR
SXSE 1013-01	White

DIRECTIONS FOR USE

- **Cleaning and joint preparation:** Substrates must be sound quality, clean, dry and free of dust, grease, rust and other contaminants which may affect the adhesion. Non-porous surfaces (such as aluminum, glass, etc.) must be free of any coatings and should be cleaned with a suitable solvent and thoroughly dried with a clean cloth. Porous substrates (such as concrete, brickwork, etc.) must be mechanically cleaned from loose particles or residues with a jet of compressed air, sandpaper or hard brush. Mask off joint edges with self-adhesive tape as protection from contamination.
- **BACKING MATERIAL:** Use a polyethylene bond breaker tape or backer rod to adjust the joint depth to proper width/depth ratio and to avoid three side adhesion which restrict the movement capability of the sealant. Backer rod must be at least wider 25% than the joint width.
- **APPLICATION METHOD / TOOLS:** Recommended application and surface temperatures: +41°F and +104°F. Cut nozzle to obtain desired bead size. Apply the sealant as evenly as possible by using professional caulking gun.
- **TOOLING AND FINISHING:** Tool the joint surface with a smoothing tool ensuring the sealant a full contact to the sides and backup material into the joint before skin formation. Remove the masking tapes immediately after smoothing over the surface of the sealant.
- **CLEANING:** Uncured product may be easily removed with damp sponge. Cured product must be removed mechanically. Hands can be cleaned with warm water and soap.

LIMITATIONS

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- It can be applied to a variety of substrates directly. If not sure, we recommend a preliminary compatibility test.



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KEY FEATURES

- WINDOWS, DOORS & EXTERIORS
- WET & DRY APPLICATIONS
- PAINTABLE SILICONE



STANLEY® S 302 WINDOW & DOOR MULTIFLEX™

TECHNICAL DATA

PARAMETER	TEST METHOD / CONDITIONS	VALUE
UNCURED SEALANT		
BASIS		Ast Polymer
CURING MECHANISM		Moisture Curing
SAGGING	ISO 7390	0 inch
DENSITY	ISO 1183-1	11.5 ± 0,2 (lbs. per gallon)
SKIN FORMATION TIME	Internal (73°F and 50% R.H)	Approx. 60 min
DRYING RATE	Internal (73°F and 50% R.H)	Min. 0,1"/day
CURED SEALANT		
SHORE A HARDNESS	ISO 868	25±5
LOSS OF VOLUME	ISO 10563	< -%3
ELONGATION AT BREAK	ISO 37	≥%350
TENSILE STRENGTH	ISO 37	145 – 217 psi
E100 MODULUS (73°F)	ISO 8339	< 58 psi
SERVICE TEMPERATURE	Ambient and surface	Between -40°F and +194°F
APPLICATION TEMPERATURE	Ambient and surface	Between +41°F and +104°F

SAFETY


Ensure good ventilation of the workstation. Wear personal protective equipment. Do not eat, drink, or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions, or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

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BEST TO USE WITH

	SKU NUMBER	PRODUCT NAME
	SXAC0424-01	PRO-CG1 Pro Caulking Gun
	SXAC0426-01	Smoothing Tool Set
	SXAC0428-01	Cartridge & Nozzle Cutter