

STANLEY® S 424 KITCHEN & BATH PREMIUM SILICONE™



DESCRIPTION

STANLEY S 424 KITCHEN & BATH PREMIUM SILICONE is one component, neutral curing, high quality, lifetime mold-proof sanitary silicone sealant that provides a permanent flexible, durable, watertight seal for non-corrosive sealing in sanitary applications. It also performs as an excellent adhesive on non-porous surfaces where an elastic gap-filling bond is required. It has a non-sag rheology and can be applied to vertical surfaces. It contains fungicide and resists mold growth. It has chemically resistant formulation which can be used for sealing connection joints in wet areas.

STANLEY S 424 exhibits excellent primerless adhesion to many different materials e.g. ceramics, glass, enamel, porcelain, coated wood, painted surfaces, canvas, stainless steel, aluminum, some rubbers, and some plastics.

PRODUCT FEATURES

- 100% non-diluted silicone
- Neutral curing system
- 100% Waterproof
- Non corrosive
- Prevents mold formation on its surface, lifetime mold-free
- 30 minutes water-ready
- Interior & exterior use
- Stays bright and clean thanks to its outstanding mildew and fungus resistance
- Low modulus, high elasticity
- Excellent resistance to direct sunlight, rain, snow, and ozone
- Primerless adhesion to numerous porous and non-porous substrates
- Resistant to extreme temperatures (-58°F to +392°F)
- Does not crack or discolor
- Resistance to detergents, cleaning agents and chemicals
- Fast curing; No shrinkage

APPLICATIONS

- Excellent for sanitary-ware applications such as sealing around bathroom and kitchen fittings, baths, showers, sinks, and toilets.
- Sealing of joints between tiles, ceramic, metal sheets and walls.
- Sealing of connection joints.
- Weatherseal application.
- Glazing works.

PRODUCT INFORMATION

PACKAGING	Net 10.1 Fl Oz. / 300 ml plastic cartridges
	12 pcs in box
SHELF LIFE	15 Months
STORAGE	In a cool and dry environment, between +41°F to +77°F.
COVERAGE	Reference: www.stanleychem.com/en/joint-sealant-calculator
SKU	COLOR
SXSE 1050-01	White
SXSE 1051-01	Clear

DIRECTIONS FOR USE

• **SURFACE 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 a professional caulking gun.



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KEY FEATURES

- LIFETIME MOLD-FREE
- 30 MIN. WATER-READY
- SHRINK & CRACK-PROOF



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- **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 products must be removed mechanically. Hands can be cleaned with warm water and soap.

TECHNICAL DATA

PARAMETER	TEST METHOD / CONDITIONS	VALUE
UNCURED SEALANT		
BASIS		Silicone
CURING MECHANISM		Neutral
SAGGING	ISO 7390	0 inch
DENSITY	ISO 1183-1	8,5 ± 0,25 (lbs. per gallon) (Transparent and Aluminum) 10,0 ± 0,25 (lbs. per gallon) (Other colors)
SKIN FORMATION TIME	Internal (73°F and 50% R.H)	10-15 min
DRYING RATE	Internal (73°F and 50% R.H)	Min. 0,1"/day
CURED SEALANT		
SHORE A HARDNESS	ISO 868	20-30
ELONGATION AT BREAK	ISO 37 (4 mm thickness) (45 days 73°F and 50% R.H)	≥%350
TENSILE STRENGTH	ISO 8339	≥101 psi
SERVICE TEMPERATURE	Ambient and surface	Between -40°F and +356°F
APPLICATION TEMPERATURE	Ambient and surface	Between +41°F and +104°F

LIMITATIONS

- Not suitable in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Not over paintable.
- Not recommended to use on porous surfaces like marble, natural stone, concrete etc.
- Not recommended to use on mirrors and sensitive metals like copper, brazen, lead.
- Not recommended to use in conjunction with bitumen asphalt, neoprene, and certain organic elastomers.
- Not suitable for food contact applications.
- Can yellow if exposed to bleach or HCl based brick cleaners whilst curing.
- Prolonged exposure to direct sunlight can cause discoloration.

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
			SXAC0423-01	PRO-CG2 Pro Caulking Gun
			SXAC0426-01	Smoothing Tool Set
			SXAC0428-01	Cartridge & Nozzle Cutter