

STANLEY® S 430 HIGH TEMPERATURE GASKET MAKER™



DESCRIPTION

STANLEY S 430 HIGH TEMPERATURE GASKET MAKER is one component, acetoxycuring, high quality, premium silicone sealant that provides a permanently flexible, durable, watertight seal for applications where heat resistance is required.

STANLEY S 430 HIGH TEMPERATURE GASKET MAKER has excellent heat resistance after curing, up to 482°F permanently and up to 572°F temporarily.

PRODUCT FEATURES

- Single component, acetoxycure, RTV, 100% non-diluted silicone.
- Excellent heat resistance after curing up to 482°F permanently and up to 572°F temporarily.
- Remains flexible at low (-40°F) and high (+482°F) temperatures.
- Resists mechanical enforcement after curing.
- Oil, fuel and grease resistant.
- Will not crack, shrink, or become brittle.

APPLICATIONS

- Sealing and bonding applications in automotive.
- On heating systems and ovens for sealing / tightness.
- Sealing and bonding in stoves.
- Gaskets in pumps and motors.
- Sealing chimneys.
- Other bonding and sealing applications where parts must perform at high temperatures.

PRODUCT INFORMATION

PACKAGING	Net 10.1 Fl Oz. / 300 ml plastic cartridges
	Net 2.36 Fl Oz. / 70 ml tubes
	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

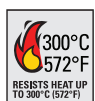
SKU	COLOR	PACKING
SXSE 1094-01	Red	300 ml plastic cartridges
SXSE 1096-01	Black	300 ml plastic cartridges
SXSE 1097-01	Red	70 ml tube
SXSE 1098-01	Black	70 ml tube



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KEY FEATURES

- 100% RTV SILICONE
- AUTOMOTIVE AND HVAC
- OIL, FUEL & GREASE RESISTANT



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.

• **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.

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TECHNICAL DATA

PARAMETER	TEST METHOD / CONDITIONS	VALUE
UNCURED SEALANT		
BASIS		Silicone
CURING MECHANISM		Acetoxo
SAGGING	ISO 7390	0 inch
DENSITY	ISO 1183-1	8,8 ± 0,25 (lbs. per gallon)
SKIN FORMATION TIME	Internal (73°F and 50% R.H)	7-13 min
DRYING RATE	Internal (73°F and 50% R.H)	Min. 0,1"/day
CURED SEALANT		
SHORE A HARDNESS	ISO 868	24-30
ELASTIC RECOVERY	ISO 7389	≥ 60%
ELONGATION AT BREAK	ISO 37	≥ %250
TENSILE STRENGTH	ISO 37	≥ 218 psi
SERVICE TEMPERATURE	Ambient and surface	Between -40°F and +572°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 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 parts that are in continuous contact with fuels or surfaces that may bleed oils.

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