

TECHNICAL DATA SHEET

SX HIGH TEMPERATURE SILICONE

A durable, heat resistant, one component silicone with a continuous temperature resistance of 260°C, and up to 300°C for short periods of time. After application the silicone cures with atmospheric moisture to form a durable rubber seal.

USES: Designed for forming gasket joints where an extremely high temperature resistance is necessary. Suitable for sealing and bonding oven doors and for use in industrial oven applications. Also suitable for use without a primer to seal assemblies of glass, glazed surfaces, porcelain coated metal, epoxy and polyester panels, polystyrene, anodised aluminium and finished wood.

COLOUR: Red

PACKAGING: 310ml cartridge packed 1 x 12

PREPARATION

Surfaces must be clean, dry and dust free.

APPLICATION

Gun sealant firmly into joint ensuring no air is trapped behind. If required place masking tape along joint edges, removing within 10 minutes of application.

FINISHING

Always tool off within 10 minutes using a spatula or stick wetted with soapy water. It is the user's responsibility to dispose of all packaging correctly.

HEALTH AND SAFETY

Keep out of the reach of children. Safety data sheet available for professional user on request. Dispose of empty packaging correctly.

SX HIGH TEMPERATURE SILICONE TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

Among others not recommended for PE, PP, Teflon and bituminous surfaces. This product is not paintable. Store between +5°C and +25°C in cool dry conditions. Adhesion tests prior to application. It is the users responsibility to determine suitability.

LIABILITY

The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as Siroflex Limited cannot know all the uses its products may be put to, and as application methods are out of our control it is the users responsibility to determine suitability of use.

TECHNICAL DATA	DIMENSION	SX HIGH TEMPERATURE SILICONE
Basis		acetoxo
Application temperature	°C	+5/+40
Application rate	3mm/6,3 bar	g/min
Flow	ISO 7390	mm
Density		g/ml
Skin over time	23°C/55%RF	min
Curing speed	23°C/55%RF	mm/24h
Frost resistant till -15°C during transport		yes
Shelf life stored between +5°C / +25°C	months	18
Temperature resistance after curing, continuous	°C	-60/ +260
Temperature resistance after curing, short time	°C	-60/ +300
Mechanical properties		
<i>2mm film</i>		
Shore-A hardness (3 s)	DIN 53505	29
Tensile strength	DIN 53504	Mpa (N/mm ²)
Elongation at break	DIN 53504	%

QUANTITY ESTIMATOR

Width x depth of joint x length (in linear metres) of joint, divide this by the volume of tube in ml = number of cartridges required.

Full health and safety data information can be downloaded from www.siroflex.co.uk.