

TECHNICAL DATA SHEET

TECTANE RTV ENGINEERING SILICONE

A one part flexible rubber RTV sealant, which sets to form a flexible, weatherproof seal with high adhesive strength. **Conforms to ISO 11600 F&G20LM.**

USES

For bonding metal, glass, vinyl, leather, rubber and plastics. Will waterproof, seal, draught proof and insulate. Has good resistance to most chemicals and excellent resistance to weathering as the sealant will not crack, harden or dry out. Resistant to temperature between -50°C to +180°C. Is unaffected by vibration.

COLOURS: Clear & Black

PACKAGING: 310ml cartridge packed 1 x 12

PREPARATION

All surfaces must be clean, dry and free from oil, grease or any contamination.

APPLICATION

Cut the cartridge seal and screw on the nozzle which should be cut to your required size. Using a skeleton gun, apply the sealant into the joint or gap ensuring a good solid fill. 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. It is the users responsibility to dispose of empty packaging correctly.

TECTANE RTV ENGINEERING SILICONE TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

Among others not recommended for application on concrete, marble, lead, copper, galvanized steel and not for PE, PP, Teflon and bituminous surfaces. Not suitable for aquaria. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability. Store between +5°C and +25°C.

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	TECTANE RTV ENGINEERING SILICONE
Basis		acetoxo
Application temperature	°C	+5 / +40
Application rate	g/min	150
Flow	mm	<2
Density	g/ml	1,035
Skin over time	min	10
Tack free time	min	30
Curing speed	mm/ 24h	2
Frost resistant till -15°C during transport		yes
Shelf life stored between +5°C / +25°C	months	24
Paintable after curing		no
Joint movement capability	%	+/-25
Temperature resistance after curing	°C	-50 / +180
Mechanical properties		
<i>2mm film</i>		
Shore-A hardness (3 s)	DIN 53505	18
100% modulus	DIN 53504	Mpa (N/mm ²) 0,3
Tensile strength	DIN 53504	Mpa (N/mm ²) 1,8
Elongation at break	DIN 53504	% 650

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.