

RTV855 Silicone

Engineering Adhesives

DESCRIPTION

RTV855 Silicone is a one part, easily gun applied, paste-like sealant that cures to form a high purity elastomer on exposure to atmospheric moisture. No primers or accelerators are needed. RTV855 when cured resists most chemicals, high temperatures and exhibits excellent mechanical properties.

Typical Properties	
Resin:	Polydimethyl Siloxane
Colour:	Black , White
Cure Speed:	15-25 mins
Cure Speed	1.5mm per day
Specific Gravity	1.03
Operating Temperature:	-50 C to +180°C
Cured Properties	
Tensile Strength	1.0MPa
Elongation	450%
Hardness	25 Shore A

APPLICATIONS

All glazing and sealing applications, general bonding applications in Marine, aircraft and automotive industries.

All applications where a non-sag sealant of exceptional longevity is required to bond glass, metals, ceramics, wood stone etc. RTV855 eliminates leakage, reduces noise, absorbs vibration, seals and bonds parts into a secure unit.

Where surfaces require only a single sided bond, it is possible to treat the side not requiring adhesion with a release agent or simply apply petroleum jelly or oil. When cured torque up the parts to form a compressive seal.

Cure rate is 1.5mm per day but is humidity and temperature dependant.

DIRECTIONS FOR USE

Surface Preparation - Use SCIGRIP A061 Cleaner & Degreaser to ensure joint is sound, clean and dry and free from oil and grease.

Cleaning: Material immediately with white spirit. Hardened sealant can only be removed mechanically or with sealant remover. Wash hands with soap and water.

PACKAGING

SCIGRIP RTV855 is supplied ready to use in a 310ml Cartridge.

STORAGE & SHELF LIFE

Store in cool area out of direct sunlight.

12 months in original closed packing at ambient temperature +5 to +25°C.

HEALTH & SAFETY

During cure small amounts of acetic acid (3% max.) are produced. The characteristic odour is unpleasant and in unventilated areas may be repugnant, causing irritation to the eyes and nose. Skin and eye contact should be avoided as soreness and irritancy will persist until thorough washing and removal is completed. See SDS for further information.

Rev: 02/15