

TECHNICAL DATA SHEET

All Purpose RTV Silicone

Acid-curing all-purpose Silicone sealant. Adheres well to aluminium, glass, glazed surfaces, ceramic tiles; treated, varnished or painted wood, painted surfaces; many plastics such as PVC, epoxide, polyesters and laminate. Touch-dries quickly. Non-sagging, does not spread in the joint. Cured sealant is UV proof.

Field of applications

General construction, sealing and repair works.

Product has been tested and is classified accordingly:

Sealant used for sanitary applications.

EN 15651-3:2012: Type S: CLASS S1 (transparent)

EN 15651-3:2012: Type S: CLASS S2 (colours)

Application conditions

Application temperature between +41°F and +104°F. The application temperature of the sealant must be +68°F - +77°F. The application at temperatures lower than +41°F, can only be carried out when connected surfaces are free of condensation, snow and ice.

Do not use in contact with natural stones such as marble, granite, fibre, cement and mortar.

Do not use in contact with metals such as lead, copper, brass and zinc due to corrosion.

Silicone may discolour in contact with some organic elastomers, e.g. EPDM and neoprene.

Not suitable for sealing aquariums and for under-water applications.

Application instructions

The surfaces must be clean from dust, loose particles and oil. Non-porous surfaces should be cleaned with solvent and a clean, non-fluffy cotton cloth. Solvent rests should be removed before evaporating with the clean cloth.

300 ml cartridge: Cut off the threaded end of the cartridge and screw on the application nozzle for directing sealant. Cut the threaded end in a way where a suitable opening for application is produced. Place the cartridge together with the applicator in the gun and fill the installation nozzle with sealant, by repeatedly pressing the gun trigger.

600 ml sausage: Open the application nozzle of the gun, insert the package in the gun and open the applicator side by removing the fastening clamp. Place the applicator nozzle on the opened end and screw on the cap.

Apply sealant in the joint by repeatedly and evenly pressing on gun trigger and smoothly dragging the nozzle along the joint. After application, smooth the surface with a rubber silicone scraper and remove excess material.

Cleaning

Uncured sealant, tools and hands can be cleaned with water or special moist wipes. Cured sealant can be removed mechanically by using special cleaning agents for removal of cured silicones for softening the sealant. Clean the surface with cloth and water.

Technical data

Properties	Unit	Value
Skin forming time	minute	8-10
Curing time	in/24h	0.10-0.12 – transparent 0.14–0.16 – coloured
Density	lb/ft ³	58 – transparent 60 – coloured
Properties of cured sealant		
Intensity of microbiological grows, ISO846		1 – transparent 2 – coloured
Resistance to flow, ISO7390	in	0
Change in volume, ISO10563	%	52 ± 1- transparent 55 ± 1- coloured
Elongation at break, ISO37	%	500 ± 25 – transparent 600 ± 25 – coloured
Tensile strength, ISO37	PSI	189 ± 30 – transparent 203 ± 29 – coloured
Modulus at 100% elongation, ISO 37	PSI	50 ± 15 – transparent 58 ± 15 – coloured
Hardness (Shore A)		25 ± 2 – transparent 30 ± 2 – coloured
Temperature resistance	°F	-40 to +212

The parameters indicated have been measured at +74°F and 50% relative air humidity.

Colour

Transparent, white, grey, black, brown, beige.

Package

300 ml cartridge, 12 pcs in a box, 1860 per pallet.
600 ml sausage, 20 pcs in a box, 1200 per pallet.

Storage conditions

Guaranteed storage time 18 months starting from the date of manufacture if stored in a closed original package in a dry place between +41°F and +86°F.

Safety regulations

Ensure sufficient ventilation during application. Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with water and seek medical advice. Cured sealant can be handled without any danger to health.



Version 1

Detailed safety information is available on safety data sheet (SDS).

Foam Sealant Technologies
3001 Northern Cross Blvd, Suite 321
Fort Worth, TX 76137
sales@foamsealtech.com, tel. (469) 805-1456