



Technical Data Sheet

Bondloc RTVGP General Purpose Silicone

PRODUCT DESCRIPTION

RTVGP Silicone is a single component, high modulus, acetoxy curing silicone sealant/adhesive that vulcanises at room temperature to provide a permanently flexible seal and bond.

APPLICATIONS

RTVGP Silicone is suitable for the following applications, sealing aluminium and metal ducting and fabrications, butt and channel glazing, most industrial applications (gasketing up to 150°C), refrigeration and hygiene seal and aluminium gutter sealing.

USEFUL NOTES

Benefits joint movement of up to $\pm 15\%$, temperature resistance of 150°C, adheres to most surfaces and is easy to use.

INSTRUCTIONS FOR USE

Ensure that surfaces to be bonded are clean and free from grease, dirt, dust and any other contamination. Glass, metal and aluminium should be cleaned with Bondloc B7063 Solvent Cleaner/Thinner for best adhesion. Cut the tip of the cartridge taking care not to damage the thread and affix nozzle to the cartridge. Cut nozzle at 45° leaving an opening slightly larger than the gap to be filled. Apply using a standard sealant gun using firm even pressure to achieve the desired bead width. To ensure a proper bond smooth the sealant with a spatula or similar tool. Smooth within 15 minutes of application. Allow bond to fully cure.

PROCEDURE FOR APPLICATION

Product is normally applied using a sealing gun.

TECHNICAL FEATURES

Chemical Base	Acetoxy
Solids Content	100%
Appearance	Clear, Black & White Viscous Paste
Shrinkage	None
Specific Gravity	0.99
Skimming Time	5 minutes @ 20°C
Cure Speed	2mm per 24 hours
Cleaning Solvent	White Spirit
Application Temperature	+5°C to +30°C

TYPICAL BOND/SEAL CHARACTERISTICS

Movement Accommodation	$\pm 15\%$
Temperature Resistance	-40°C to +150°C
Hardness Shore A:	22
Elongation	>300
Tensile strength MPa	0.5

RECOMMENDATION FOR JOINTS

Minimum Joint Depth	4mm
Maximum Joint Depth	30mm
Joint Ratio	Max. Depth 50% of Joint width
Coverage	10 linear meters (9mm x 9mm joint)

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STORAGE

Stored between +5°C and +25°C Bondloc RTV Silicone will retain its properties for 18 months.

HEALTH & SAFETY

This technical information sheet does not constitute a Safety Data Sheet (SDS). Before using this product ensure you have read and fully understood this products SDS

PACKAGING FORMAT

Cartridge.....310ml

PRODUCT DISCLAIMER

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