



# Technical Data Sheet

## Bondloc RTVNC Neutral Cure Silicone

### PRODUCT DESCRIPTION

RTVNC Silicone is a single component, low modulus, oxime curing silicone sealant/adhesive.

### APPLICATIONS

RTVNC Silicone can be used on all glazing and industrial work along with common building and construction joints. RTVNC Silicone can be used on a wide variety of substrates including metal, wood, painted metals, glass, PVC, Polycarbonate, Polyacrylate and many others. RTVNC Silicone conforms to BS 5889 type A.

### USEFUL NOTES

Benefits joint movement of up to 25%, temperature resistance of -40°C to +180°C, UV resistant, stays permanently elastic after curing, 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.

### STORAGE

Stored between +5°C and +25°C Bondloc RTVNC 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.

### TECHNICAL FEATURES

Chemical Base	Oxime
Curing system	Moisture cure
Colour	Clear, White, Black, Grey
Appearance	Paste
Shrinkage (DIN 52451)	None
Specific Gravity	0.99 ±0.04g/cm <sup>3</sup>
Skinning Time	5 mins @ 20°C
Elastical Recovery	>80°C
Elasticity Modulus 100%	0.30 N/mm <sup>2</sup>
Maximum Tension	1.30 N/mm <sup>2</sup>
Cleaning Solvent	White spirit
Application Temp	-40 to +180°C

### TYPICAL BOND/SEAL CHARACTERISTICS

Movement Accommodation	25%
Temperature Resistance	-60°C to 180°C
Hardness Shore A	21 ± 5
Elongation at Break	800%

### RECOMMENDATION FOR JOINTS

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

### PACKAGING FORMAT

Cartridge.....80ml, 310ml  
Power Can.....200ml

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**PRECAUTIONS:** This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheets (SDS) for this and all other products being used are understood by all persons who will work with the product. Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is consider accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.

