

# bond it

Never compromise on quality!



## FG8

### Food Grade Fungicidal Silicone

#### Technical Data Sheet



#### PREMIERE SILICONE & SEALANT RANGE

#### Description:

*Specially formulated silicone sealant for applications in the food machinery and food preparation industries.*

**FG8** contains a powerful and effective anti-fungal compound to prevent microbial growth on seals. The fungicide is approved by the US Food & Drug Administration (FDA) for food contact. **FG8** will withstand sterilisation cycles and the extremes of heat and cold. **FG8** can be cleaned with dilute bleach and all disinfectants.

Conforms to FDA No 21 CFR 177.1210 & 177.2600. Certified by NSF for food contact.

#### Uses

Bond It **FG8** can be used to create waterproof seals and joints in machinery. To seal between ceramic tile and kitchen fittings and seal between walls and floors. It can also be used to seal around deep freezers.

It is ideal for use on: glass; ceramics; stainless steel; paint; GRP; melamine laminates; food processing machinery; deep freezers; refrigeration units and chiller cabinets.

#### Preparation

Ensure all surfaces are clean, dry and free from grease, oil or any other contaminants that may hinder adhesion. Prime porous surfaces and metals other than stainless steel or anodised aluminium for optimum adhesion.

#### Application

Apply using a standard sealant gun with the nozzle cut at an angle of 45°, and to an opening slightly larger than the joint to be sealed.

After application leave for two or three minutes and tool to a tight finish using Bond It SEALANT APPLICATOR TOOL or similar..

When resealing use Bond It SILICONE SEALANT REMOVER to clean old joints thoroughly.



#### Limitations

Not suitable for use on un-primed ferrous metals, copper and its alloys, cements or concrete.

#### Colour

**FG8** is available in white only.

#### Container Size

310ml plastic cartridge.

#### Shelf Life

24 months from date of manufacture when stored in original unopened cartridges.

#### Storage Conditions

Store in cool, dry conditions at a temperature between +5 and +40°C.

#### Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

#### Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

**Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.**

## Specification Summary

Skinning Time	Less than 30 minutes
Service Temperature	-40°C to + 180°C
Full Cure	24 to 48 hours depending on conditions and bead depth
Extensibility	Up to 400% at breaking point
Adhesion	Excellent to glass, ceramics stainless steel, GRP anodised aluminium
Flammability	Non-flammable
Density	1.02
Tensile Strength	0.6N/mm <sup>2</sup>
Elongation At Break	250%
Shore A Hardness	20
Movement Capability	25%
Recognised Exposure Limit	Acetic acid is evolved in the curing process



## Product / Order Details:

Code	Colour	Size	Barcode
BDFG8WH	White	310ml	5060021360229



Part of the Bond It Premiere Silicone & Sealant Range



The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



Certificate Number:  
6152  
ISO 9001; ISO 14001;  
ISO 45001



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