



SEALOMELT HOT MELT BUTYL

KEY FEATURES

- Compatible with all types of manual dispensing equipment currently available
- Quick-setting from the molten state
- Clean application with no wastage
- No cleaning or purging of dispensing equipment required
- Can be used as a secondary seal in conjunction with a P.I.B. primary sealant
- Convenient pack size for easy storage

PRODUCT DESCRIPTION

Sealomelt Hot Melt Butyl Sealant has been specifically formulated for use in the production of insulating glass units. Sealomelt Hot Melt Butyl Sealant is a single part butyl rubber based sealant which, when applied at the correct temperature, sets quickly from its molten state allowing units to be moved from their assembly location between two and five minutes after application. Units can therefore be sealed and glazed within the same day. Sealomelt Hot Melt Butyl Sealant has a high output and fast heat loss enabling optimum turn round of unit production. The combination of these properties also means that corner defects can be easily avoided thereby ensuring a complete seal around the unit.

TYPICAL CHARACTERISTICS

Physical Form		Rubbery solid
Color		Black
Relative Density	g/cm ³	1.17 to 1.19
Moisture Vapour Transmission Rate		0.1 g/m ² per day for a 2mm film at 25°C, 100% RH. (ASTM method E96)
Constitution		A blend of butyl rubber with other synthetic polymers and resins, which contain no volatile materials

IMPORTANT

Before using Sealomelt Hot Melt Butyl Edge Sealant, the Health & Safety Data Sheet should be carefully studied by those carrying out the work. Gloves and eye protection are recommended.

APPLICATION TEMPERATURE

+180°C to +195°C ex nozzle

PRECAUTIONS

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate safety data sheet for Sealomelt Hot Melt Butyl Sealant.

APPLICATIONS

The sealant should be applied by means of a suitable heated dispenser. It is very important that the sealant is applied within the recommended temperature range, therefore it is advisable that the application temperature be checked daily with a digital thermometer at the gun nozzle whilst gunning sealant.

Further advice can be obtained from the Technical Service Department. The sealant should be applied into the cavity of the insulating glass unit in such a manner that complete wetting of the glass and spacer occurs. If an internal locating nozzle is used, the nozzle should be checked regularly to avoid excessive wear, in order to ensure that the correct seal depth is maintained. Care should be taken on sealing each corner and the sealant should be pressed together whilst still molten by means of a silicone rubber pad, in order to prevent any holes or gaps in the sealant at the corners, which could lead to premature unit failure. If the units are to be stored on a rack ensure that they are adequately supported under both panes of glass.

GLAZING METHOD

Units manufactured with Sealomelt Hot Melt Butyl should be glazed in accordance with the current G.G.F. (Glass and Glazing Federation) methods or other G.G.F. recognised and approved methods.

Further information may be obtained from the Technical Service Department. The use of adhesive tape is not recommended to cover the edge of the unit. Drained and ventilated systems should be used where possible otherwise fully bedded glazing methods are necessary. If the unit is to be glazed using a glazing compound which is likely to be in contact with the edge seal of the unit, then it is important to ensure its compatibility with the Hot Melt Sealant BEFORE glazing. Further detailed information can be obtained from the Technical Service Department.

STORAGE

2 years from date of manufacture when stored unopened in a cool, dry place within the temperature range +5°C to +25°C.

SHELF LIFE

2 years from date of manufacture when stored unopened in a cool, dry place within the temperature range +5°C to +25°C.

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