



# BOSTIK

## HHD 6009-T

### SOLVENT FREE POLYURETHANE ADHESIVE

#### KEY FEATURES

- Excellent bonding strength on glass and metal
- High fluidity allowing easy dispensing
- Good Flexibility

#### DESCRIPTION

HHD 6009-T is a one-component, solvent-free, moisture curing polyurethane adhesive. Once it has been dispensed, the adhesive will react with ambient moisture or water content of the substrates, in order to yield a cross-linked thermoset adhesive. Heat is not required for the curing to take place.

HHD 6009-T contains a fluorescent agent allowing for UV inspection.

#### APPLICATIONS

HHD 6009-T has been specifically designed to assemble the electronic devices and can bond many kinds of substrates (metal, glass, PC, ABS, etc...).

#### METHOD OF USE

This product is suitable for application by HMPUR dispenser. The weight of coating can vary according to substrates and applications.

Typical application temperature range is between 120°C -130 °C.

#### CURING TIME

The cure rate depends on the substrate type, moisture permeability and ambient conditions. HHD 6009-T will develop adhesive properties within 24 hours. However, optimum properties can be attained after three to seven days at room temperature.

#### PACKAGING

30mL – PP syringes

#### CLEANING

Given that HHD 6009-T is applied at elevated temperatures, it is advised to clean the equipment on a regular basis with an appropriate cleaning agent.

#### TECHNICAL DATA

CHARACTERISTIC	VALUE
Appearance (uncured)	Off-white paste
Brookfield Viscosity (uncured) thermosel @ 130°C	2,500~3,800 (27#, 20rpm)
Open time [min]	1~3
Specific Gravity	1.1
Hardness Shore A	89
Tensile Strength [MPa]	11
Elongation at break [%]	1500

\*Open time is an application factor that depends on the environment temperature, substrates and application process.

#### STORAGE

HHD 6009-T can be stored for 6 months in the original, unopened packaging in a dry place at a temperature between 15°C and 25°C. It should be processed immediately after the container has been opened.

#### PRECAUTIONS

Read Material Safety Data Sheet before using and handling this product. MSDS is available upon request.

The information given and recommendations made herein are based on Bostik's research only and are not guaranteed to be accurate. The performance of the product, its shelf life, and application characteristics will depend on many variables, including the kind of materials to which the product will be applied, the environment in which the product is stored or applied, and the equipment used for application. Any change in any of these variables can affect the product's performance. It is the buyer's obligation, prior to using the product, to test out the suitability of the product for an intended use under the conditions that will exist at the time of the intended use. Bostik does not warrant the product's suitability for any particular application. The product is sold according to Bostik's Terms and Conditions of Sale that accompanies the product at the time of sale. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

#### SMART HELP

Please contact your local representative

