

TECHNOMELT PUR 3460

Known as Purmelt QR 3460

April 2013

PRODUCT DESCRIPTION

TECHNOMELT PUR 3460 provides the following product characteristics:

Technology	Polyurethane
Product Type	Hotmelt
Application	Assembly
Appearance	Blocks in aluminium laminated flexible packaging (Peelable Bag) and 310 ml cartridges (3,9 kg boxes containing 12 cartridges)

Application Areas

- Assembly bonding

Product Properties

- Reactive hotmelt adhesive system based on polyurethane
- Long open time
- Chemical cross-linking within few days
- Bond joint turns into a thermoset
- Very high heat resistance (> 150 °C) and cold flexibility
- Excellent water resistance
- Resistant to most solvents

Technical Data

TECHNOMELT PUR 3460:

Viscosity, Brookfield -, 130 °C, mPa.s	~10,000
Softening Point, Kofler, °C	~60
Curing Time to final strength, days (depending on substrate)	2 to 5
Heat Resistance, °C according to the Henkel method of increasing temperature	>150

DIRECTIONS OF USE

Preliminary Statement

Prior to application it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Instructions for Use

Working Temperature

Recommended working temperature:

in the melting container, °C	110 to 140
at the application roller, °C	110 to 140

Processing

Since the product will cure when it is exposed to moisture, storage and application must be done under dry conditions. For this reason, the product is delivered in airtight containers

Cleaning

Flushing the system with TECHNOMELT PUR CLEANER 4 periodically or prior to changing to an alternative reactive hot melt will reduce internal build-up of adhesive residue. Application devices such as wheels and rolls that expose reactive adhesive to the air should be thoroughly flushed at the end of a production run or at anytime when there is build-up and gelling. Cured PUR hot melt can only be removed by softening with an appropriate solvent such as N-ethylpyrrolidone (NEP) and then using a non-abrasive scraper. Strictly follow the instructions of the machine manufacturer.

Safety

The product contains diphenylmethanediisocyanate. Even if the product is applied within the range of the recommended working temperature, the diisocyanate has a detectable vapour pressure. When the recommended working temperature is considerably exceeded, hazardous decomposition products may be formed in the application unit. Therefore, measures to draw off the vapours need to be taken, e.g. through the provision of extraction equipment. In case of skin contact with the hotmelt, do not try to remove the adhesive from the skin by force. Consult a doctor. Observe the material safety data sheet.

STORAGE

Store in the original tightly closed container in a cool, dry place.

Shelf life

Shelf-life (in unopened original packaging), months 12
(2 kg container for up to 9 months)

Classification:

Please refer to the corresponding **safety data sheets** for details on:

Hazardous Information

Transport Regulations

Safety Regulations

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