

Product Information Sheet

CP-0603

PUR HM Cart. 180 sec.

Application Temperature(s): 120-140°C
 Color: White
 Freeze Thaw Stable: N/A
 Min Use Temperature:
 Shelf Life: See storage
 Solids (~): NA
 Specific Gravity (~): Density: approx. 1.1 g/m³
 Viscosity: (the day of production)
 Brookfield HBTD 10 rpm: at
 120°C 11,000±3,000 mPa s
 140°C 6,000±2,000 mPa s



Characteristics:

Base: Polyurethane

Reactive hot melt adhesive based on polyurethane (PUR) for processing at low temperatures.

Advantages: Following cross-linking highly stressed bondings are achieved; they are very resistant to heat water and cold, low processing temperature, long open time, very good application properties with doctor blade, spray-nozzle, roller

Packaging: Carton with 12 cartridges, 300 g net each, carton with 4 aluminum tins, 1.5 kg each, metal pail, 18 kg net

Applications:

Fields of application: For assembly bonding, good adhesion to different materials such as polystyrene, wood, wood based materials, PVC, aluminum, sheet metal (depending on the material a pre-treatment is necessary). Because of the long open time, also suitable for large surfaces.

Directions:

For assembly bonding it is processed by means of cartridge hand pistols or melted from tins or 20 litre drums equipped with heated hoses and special nozzles.

Open time: 4 mm bead/120°C approx. 4,5 minutes, Press time: 10-30 seconds Reaction time: up to 7 days (depending on material and ambient temperature)

For assembly bonds the adhesive is applied by means of nozzles, slot nozzles or sprayed. Suitable guns may be used or pre-melting systems with heated hoses and application heads. Chemical cross linking of hot melts requires moisture. Therefore sufficient air humidity has to be present during processing.

Application devices: Cartridge hand pistol for manual application, Melting tanks with nitrogen protection, Bulk melters for 20 and 200 litre drums, Sealed roller systems, nozzle applicators and slot die extruders.

Clean Up and Storage:

When finished working with Hot Melt empty the application aggregate or drain off the remaining hot melt. Immediately insert hot melt cleaning compound melt and discharge it until the last traces of hot melt have been removed. Cured hot melt can only be removed mechanically.

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Can be stored in factory sealed containers as following: Cartridges and pails-approx. 3 months, Tins-approx. 6 months Protect from humidity!

Key Warnings:

Identification: Identification required according to the German hazardous substances regulations GefStoffV: contains diphenylmethane-4,4'-diisocyanate (see safety data sheet)



Attention: When hot melt adhesives are melted and applied, vapours are set free and an unpleasant odour can occur, even if the recommended working temperature has been observed. Moreover, if the prescribed working temperature is exceeded over a longer period, harmful decomposition products can develop. Precautions should be taken to eliminate the vapours, e.g. by using a suitable ventilation system.

Waste disposal: Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.