

KRONES colfix HM 8051

Hot Melt Labeling Adhesive

Product description and application

KRONES colfix HM 8051 is an alkali-soluble, pressure-sensitive hotmelt adhesive for labeling PET containers.

Approved for use in the PETCYCLE system - circular economy and sustainable recycling cycles for PET bottles. In special examinations, this hotmelt has achieved the level of leach-solubility on PET-bottles according to the PETCYCLE test-specifications.

Technical product data:

Adhesive type	synthetic based hotmelt adhesive
Viscosity	c. 650 mPa.s
Softening point	c. 65°C
Density	0.98 g/cm ³
Colour	yellow
Product form	big pillow
Supplied	18 kg carton
Processing temperature	120 – 140°C

Storage and shelf life

Can be stored up to **24** months in sealed original containers at temperatures not exceeding +30°C or below +10°C.

Material safety data sheets

The current material safety data sheets are available for you to download from our website: www.kic-krones.com/en/downloads.php

You are also welcome to request them by e-mail to kic@kic-krones.com.

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Labelling

Please refer to the corresponding material safety data sheet for details on:

- Hazardous goods labelling (section 2)
- Transport regulations (section 14)
- Safety regulations (section 4-8)

Application notes

As two key parameters are set with the processing temperature, the temperature set should be checked at least every 4 weeks using an external thermometer. Incorrect temperature settings will change the viscosity and therefore the processing properties. Excessive thermal stress will cause increased oxidation, which will in turn produce dark deposits. The adhesive tank should always be emptied completely between tests with different types of adhesive.

Important: The FIFO principle must be applied.

Please process goods with the shortest shelf life first!

Cleaning

Machine parts can be cleaned with KRONES colclean C 1201, KRONES colclean C 1209 or KRONES colclean EV 60. KRONES colclean Hotclean is recommended for cleaning the tank.

The contents of this product information are based on our general experience and to the best of our knowledge at the time of printing. The product information should provide hints for possible applications to the technically experienced reader. However, the product information is not intended to guarantee any properties of the described product, nor the suitability of the product for individual applications. It does not release the user from testing the selected product prior to application. We recommend individual consultation and are happy to provide samples on request, if possible. These products are continuously developed. We therefore reserve the right to change all technical data of this brochure at any time without notice.