



Bookbinding

High quality **KLEIBERIT PUR Hotmelt Adhesives** – perfect solutions for many demanding applications of bookbinding



Books and more to bind

Are you producing books, magazines or brochures? Are you looking for a true partner that offers you high performance adhesives enabling you to achieve the best results from perfect binding applications?

KLEIBERIT has developed a modern range of products for the bookbinding industry. These products are suitable for use with rollers or with nozzle systems and can be used on all major bookbinding machine types.

We offer nonreactive hotmelts and reactive hotmelts based on polyurethane for perfect binding applications. Our adhesives meet the latest standards with regard to safety, health and environment. All products are developed and produced in our factory in Weingarten using the latest technologies. We offer you the best support and highest quality standards.

ADHESIVES



KLEIBERIT PUR Hotmelts

Using PUR Hotmelt Adhesives for bookbinding has numerous advantages over conventional systems:

- Very high page strength
- High flexibility
- High temperature resistance from -40°C to +120°C
- Good resistance to ink solvents
- Good adhesion to difficult paper qualities and coated papers



KLEBCHEMIE

M. G. Becker GmbH & Co. KG
Max-Becker-Str. 4
76356 WEINGARTEN
GERMANY
Phone +49 7244 62-0
Fax +49 7244 700-0
www.kleiberit.com



KLEIBERIT Hotmelt Systems

For economic binding, we offer high performance hotmelt systems that can be used at normal hotmelt operating temperatures (160 - 180° C).



Advantages

- Good range of adhesion
- Low odour and good colour stability
- Easy cleaning

KLEIBERIT PUR Hotmelt Systems

Product	Viscosity at 120 °C (mPa·s)	Open Time	Application Method	Application	Paper Type	End Use
712.1	4,000	long	nozzle/roller	spine gluing	coated paper	high quality catalogues, brochures, books
712.3 ME*	4,000	medium	nozzle/roller	spine gluing	coated paper	high quality catalogues, brochures, books
712.4	4,000	short	nozzle/roller	spine gluing	coated paper	high quality catalogues, brochures, books
712.5	4,000	long	nozzle/roller	side gluing	-	high quality catalogues, brochures, books
712.6 e-Melt Low Temperature PUR	5,000 at 100 °C	short	nozzle/roller	spine gluing	coated paper, gloss printing	high quality catalogues, brochures, books, photobook
712.7 e-Melt Low Temperature PUR	5,000 at 100 °C	short	nozzle/roller	spine gluing	coated paper, gloss printing	high quality catalogues, brochures, books, photobook

* This adhesive is a microemission PUR with a very low level of free isocyanate. As such it is not classified as hazardous

KLEIBERIT EVA and PSA Hotmelt Systems

Product	Viscosity at 170 °C (mPa·s)	Open Time	Application Method	Application	Paper Type	End Use
733.1	4,000	medium	nozzle/roller	spine gluing top glue	Offset; LWC; MWC	brochures; magazines; pocketbooks
734.0	4,500	medium	nozzle/roller	spine gluing top glue	Offset; LWC; MWC	pocketbooks; hardcover
734.1	3,000	medium	nozzle/roller	spine gluing primer and top glue	Offset; LWC; MWC	pocketbooks; hardcover; brochures
734.4	5,000	medium	nozzle/roller	spine gluing primer and top glue	Offset; LWC; MWC	brochures; magazines; pocketbooks
734.5	4,000	short	nozzle/roller	spine gluing primer and top glue	Offset; Low pressure; LWC	brochures; catalogues; directories
734.6	4,000	short	nozzle/roller	spine gluing primer and top glue	Offset; Low pressure; LWC	brochures; catalogues; directories
734.7	5,000	medium	nozzle/roller	spine gluing primer and top glue	Offset; LWC; MWC	brochures; magazines; pocketbooks
734.2	3,000	long	disc/nozzle	side gluing	-	-
734.8	3,000	long	disc/nozzle	side gluing	-	-
734.9 PSA	2,000	permanent	disc/nozzle	side gluing	-	-

KLEIBERIT Cleaners

For quick and safe cleaning of the glue pot, nozzle systems and melting equipment, KLEIBERIT offers a range of environmentally safe products:

Product	Viscosity at 140 °C (mPa·s)	Physical Form	Application	Suitable for
761.7	6,000	blue granulate	equipment cleaner, stops PUR reaction	system purging
761.7.04	6,000 at 100 °C	blue granulate	equipment cleaner, stops PUR reaction	system purging; especially for low temperature adhesives
761.8	very low	powder	roller cleaning, pot cleaning	quick roller cleaning
823.3	very low	liquid	roller cleaning, pot cleaning	removes charred hotmelt
883.0	paste	grease	sealing of nozzles, o-ring protection	sealing and lubricating

Equipment Supplier

Our bookbinding adhesives are currently running on machinery supplied by all the major equipment manufacturers such as **Müller Martini, Kolbus, Heidelberg, Wohlenberg, Robatech, Nordson and Inatec.**