



Adhesive solutions for bookbinding & graphic industry

Boost your performance with our state-of-the-art adhesives



KEEPING THINGS TOGETHER



Bookbinding & graphic industry

A full range of adhesives for soft cover as well as hard cover book manufacturing are available to provide optimal solutions for:

- spine gluing of book block
- case making
- gauze lining
- head banding
- joint gluing
- casing-in

Hard cover bookbinding

COLD GLUING – water base adhesives

Product	Base	Viscosity (mPas) at 23°C	Application	Gluing material	Special properties
MEKOL 1306	EVA copolymer	600 - 900	primer, side gluing applied by nozzle, roller	coated, lacquered, various plastic surfaces	good adhesion to various plastic surfaces, flexible, fast setting
MEKOL 1307/1	PVAc dispersion	15 500 – 22 000	topcoat, applied by roller	coated paper	good flexibility, fast setting
MEKOL 1405	EVA copolymer	2 300 – 2 800	casing-in, applied by roller	coated, lacquered, various plastic surfaces	very good adhesion on difficult to bond material
MEKOL 1406	EVA copolymer	2 300 – 2 800	casing-in, end sheet, headbanding, applied by roller	coated, lacquered, various plastic surfaces	good adhesion on difficult to bond material, fast setting
MEKOL 1407/1	EVA copolymer	7 500 – 11 000	casing-in, applied manually or by roller	PVC, lacquered	very good wet tack
MEKOL 1413/G	PVAc dispersion	15 000 – 22 000	topcoat, applied manually or by roller	coated paper	good wet tack, long open time

HOT GLUING – hot melt adhesives

Product	Base	Viscosity (mPas) at 170°C	Softening point (°C)	Application	Gluing material	Special properties
TERMOKOL 2410	EVA hot melt	3 000 – 4 000	85 - 100	spine gluing, applied by roller	coated paper	clear white, low odour, flexible
TERMOKOL 2411/05	EVA hot melt	7 500 – 9 500	80 - 90	spine gluing, applied by roller	double coated paper	white, good adhesion, good spine flexibility, roundability
TERMOKOL 2420/05	EVA hot melt	3 800 – 4 800	77 - 83	spine gluing, applied by roller	double coated paper	white, very good adhesion, very good spine flexibility, very good roundability

HOT GLUING – protein – animal glue

Product	Base	Viscosity (mPas) at 60°C	Application	Gluing material	Special properties
TERMOKOL 4118	Protein - animal gelatine	1 100 – 1 400	case laminating and box covering, applied by roller	difficult-to-bond papers	brown, strong tack, medium short, slow and medium speed machine
TERMOKOL 4415	Protein - animal gelatine	2 700 – 3 100	case laminating, files, applied by roller	coated paper	brown, strong tack, medium open time, good performance in hot weather
TERMOKOL 4452	Protein - animal gelatine	4 500 – 5 500	spine gluing-gauze gluing, applied by roller	coated paper	white, very strong tack, short open time

Soft cover bookbinding

The bonding quality depends on material quality, appropriate spine preparation and gluing parameters, such as temperature of glue, spreading quantity...

Product	Base	Viscosity (mPas) at 170°C	Softening point (°C)	Application	Gluing material	Special properties
TERMOKOL 2410	EVA hot melt	3 000 – 4 000	85 - 100	spine gluing, applied by roller	coated paper	clear white, low odour, flexible
TERMOKOL 2412	EVA hot melt	1 500 – 2 500	75 - 90	spine gluing, applied by roller	double coated paper	clear white, low odour, very good adhesion, medium open time, low application temperature
TERMOKOL 2413/05	EVA hot melt	3 000 – 4 000	80 - 100	spine gluing, applied by roller	double coated paper	white, good adhesion, medium flexible
TERMOKOL 2418/05	EVA hot melt	3 000 – 4 000	78 - 88	spine gluing, applied by roller	slightly coated standard paper	white, economic type, medium flexible
TERMOKOL 2420/05	EVA hot melt	3 800 – 4 800	77 - 83	spine gluing, applied by roller	double coated paper	white, good adhesion, very good spine flexibility, roundability

Side gluing – for hard and soft bookbinding

Product	Base	Viscosity (mPas) at 160°C	Softening point (°C)	Application	Gluing material	Special properties
TERMOKOL ULTRA 2415	metallocene polyolefine	1 200 – 1 800	90- 100	Side and joint gluing, applied by nozzle, disc	double coated paper, lacquered surfaces	white, long open time, very good adhesion, low consumption, good hot tack, good heat and cold resistance, odour and smoke free, excellent thermal stability
TERMOKOL 2416	EVA hot melt	1 800 – 2 800	75 - 95	side gluing, applied by nozzle, disc	coated paper	ivory, long open time, good hot tack, low odour
TERMOKOL 2421	SIS block copolymer	1 360 – 2 040	73 - 83	side and joint gluing, applied by nozzle, disc	double coated, PVC, PET, BOPP, treated PP, PE	clear yellowish, pressure sensitive, very good adhesion

Supplementary products

TERMOKOL pressure sensitive adhesives are distinguished by good adhesion to different materials, flexible and temperature resistant joint and short setting times which allow high production capacities.

Product	Base	Viscosity (mPas) at 175°C	Softening point (°C)	Application	Gluing material	Special properties
TERMOKOL 2333	SBS block copolymer	900 – 1 500	78 - 88	Fixing promotional samples in magazines	coated, lacquered paper, applied by nozzle, roller	clear transparent, slight cold tack - low cold adhesion

These products represent a limited selection of our product range. Contact our specialists for more information or technical data sheets.



Adhesive solutions for every manufacturing challenge you face.



MITOL is the leading Slovenian producer of adhesives providing innovative and effective solutions in the field of gluing for more than 70 years. With reliable, technologically advanced products and superior customer service we have managed to build close relationship with our partners in more than 35 countries around the globe. Being aware of the sustainability challenges we devote special attention to the selection of materials and production processes that reduce environmental impact.



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