



Adhesive solutions for packaging

For attractive and safe protection of your products



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Packaging

The packaging industry is one of the biggest industrial sectors. It includes primary packaging, this is erecting and closing of folding boxes, wrapping paper packaging and secondary packaging, also called end of line packaging (erecting and closing of cases, trays erecting, wrap-around).

In our range of packaging glues, there are also adhesives for special applications, such as deep-freeze packaging, straw attachment, anti-slip coating for pallet stabilization.

Case, carton and paper forming & sealing

Selection of EVA hot melt adhesives

Product	Viscosity (mPas) at 150°C	Softening point (°C)	Open time (sec.)	Application	Special properties
TERMOKOL 2304	1400 - 1900	107 - 115	2 - 3	folding cartons, trays, wrap-around	yellowish, standard product
TERMOKOL 2305/OL	900 - 1400	103 - 113	2 - 4	folding boxes, folding cartons, trays	yellowish, good adhesion on lacquered surfaces, low odour
TERMOKOL 2308/1	2600 - 3500	62 - 70	6 - 8	plasticized, folding and carton boxes	yellowish, good adhesion on plastificated surfaces
TERMOKOL 2315	1600 - 2300	108 - 115	1 - 2	folding boxes, folding cartons, trays	light yellowish, low odour, food industry
TERMOKOL 2319	1500 - 1800	103 - 110	2 - 3	straw fixing	white, low odour, food industry, good deep freeze
TERMOKOL 2321	1500 - 1800	108 - 115	2 - 3	folding boxes, folding cartons, trays	white, good thermal stability, odourless, good deep freeze, food industry
TERMOKOL 2323	1700 - 2300	105 - 115	1 - 2	carton closing	yellowish, good adhesion, good hot tack
TERMOKOL 2324	900 - 1300	108 - 116	1 - 2	folding boxes, folding cartons, trays	yellowish, fast setting, good heat resistance
TERMOKOL 2325	1500 - 1900	108 - 116	3 - 4	folding boxes, folding cartons, trays	light yellowish, good adhesion on lacquered surfaces, good deep freeze, food industry
TERMOKOL 2327	2000 - 2600	108 - 115	1 - 2	carton closing - thicker cartons	yellowish, good cohesion, fast setting
TERMOKOL 2329	650 - 800 at 140°C	67 - 77	4 - 6	folding cartons, trays, wrap-around	light yellowish, low temperature application 120 - 140°C

Selection of metallocene polyolefin hot melt adhesives



Beside various EVA based hot melts we offer newly developed formulations on metallocene polyolefin base with excellent performance characteristics like better adhesion to difficult-to-bond surfaces, high thermal stability, low density, up to 40% lower consumption, high yield, good heat resistance and cold resistance for deep freeze application (-18 to -40°C). Clean processing and absence of carbonization lead to reduced maintenance work and downtimes on the line and consequently to lower production costs.

Product	Viscosity (mPas) at 160°C	Softening point (°C)	Open time (sec.)	Application	Special properties
Multi-purpose packaging adhesives – used in wide range applications – application by nozzle					
TERMOKOL ULTRA 2360	1245 - 1860	106 - 116	3 - 4	folding cartons, trays, wrap-around	white, short open and fast setting time, higher viscosity, cost efficient
TERMOKOL ULTRA 2370	800 - 1200	101 - 111	3 - 4	folding cartons, trays, wrap-around, printing paper	white, low viscosity adhesive for standard packaging application, short open and fast setting time
TERMOKOL ULTRA 2375	1100 - 1700	105 - 115	12 - 14	folding cartons, trays, wrap-around, fruit trays	white, suitable for very fast machines, long open and fast setting time, good adhesion to treated surfaces , high heat resistance
TERMOKOL ULTRA 2380	950 - 1450	98 - 108	10 - 11	folding cartons, wrap-around, straw fixing on Tetra-Pak line	white, multipurpose hot melt adhesive with improved adhesion, long open and medium setting time, good hot tack, good cold flexibility, very good deep freeze, extremely thermostable

Tray forming-fruit boxes

Mitol devotes special attention to selection of pure, odourless raw materials with low content of mineral oil. Our food packaging adhesives comply with American FDA regulation 175.105 and the EU regulation 10/2011. Carefully selected raw materials and advanced adhesive formulations are the guaranty for safe food packaging.



Selection of EVA hot melt adhesives

Product	Viscosity (mPas)	Softening point (°C)	Open time (sec)	Application	Special properties
TERMOKOL 2326	2000 - 2600	112 - 120	1-2	fruit cartons, trays – thicker cartons, applied by nozzle	yellowish, fast setting, for packaging hot products in summertime
TERMOKOL 2327	2000 - 2600	108 - 115	1-2	fruit cartons, trays – thicker cartons, applied by nozzle	yellowish, normal conditions

Pallet stabilization

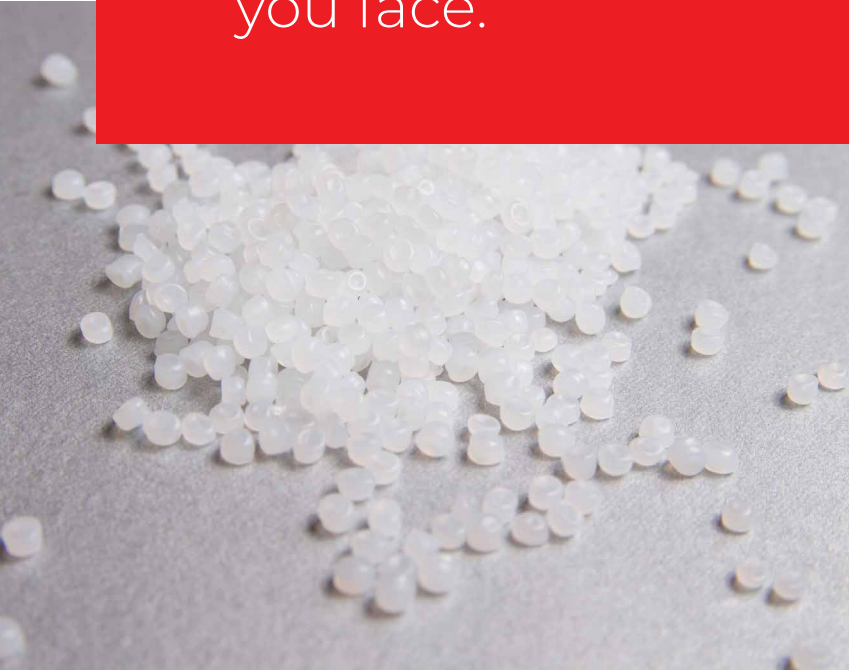
MITOL pressure sensitive hotmelts perform a strong resistant bond and allow high production capacities.

Selection of SBS block copolymer adhesives

Product	Viscosity (mPas)	Softening point (°C)	Open time (sec)	Application	Special properties
TERMOKOL 2341	950 - 1450 at 140°C	75 - 85	pressure sensitive	fixing cardboard boxes-palletizing, applied by nozzle or spray	light yellowish-transparent, pressure sensitive
TERMOKOL 2333	900 - 1500 at 175°C	78 - 88	pressure sensitive	anti-slip coating, applied by nozzle or spray	clear transparent, pressure sensitive with low peel adhesion, low cold adhesion-slight cold tack

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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