

Adhesive solutions for assembly gluing of mattresses and pocket springs

For high performance & cost efficient production



KEEPING THINGS TOGETHER

Assembly gluing of mattresses and pocket springs

Modern mattresses manufacturing uses special cores, made from layers of pocket springs.

For gluing pocket springs, MITOL produces a wide selection of high-quality EVA based hotmelts which can be used on automatic and semi-automatic production lines. They meet the high requirements of OEKO-TEX Standard 100, class 1 with the total content of polycyclic hydrocarbons (PAH), max 5mg/kg.

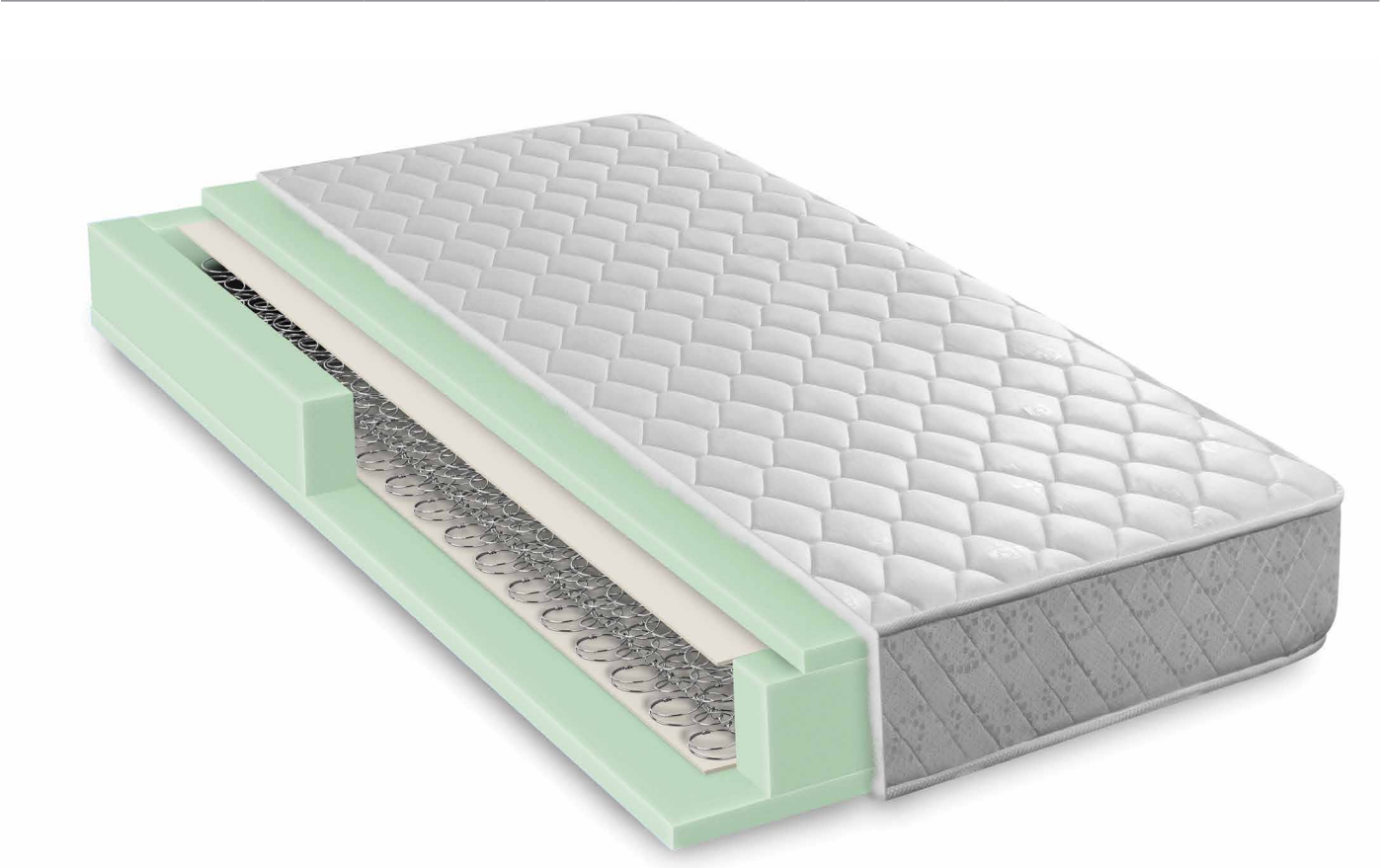
For assembly gluing of mattresses, MITOL offers newly developed APAO based polyolefin hot-melts. They are characterized by long open time, good adhesion and they develop a strong bond in all combinations of flexible foam and different upholstery materials (felt, non-woven, jute, coconut fibres). These adhesives are used for manual or automatic applications where very long open time and high initial hot tack is required.



Mattresses

Product	Base	Viscosity (mPas)	Softening point (°C)	Open time (min.)	Gluing materials	Special properties
TERMOKOL 2920	APAO	1 900 – 2 800 at 180°C	80 - 90	3 - 4	PU foam and textile materials	medium viscosity with very good bonding properties

TERMOKOL 2921	APAO	3 000 – 4 600 at 160°C	75 - 85	4 - 5	PU foam and textile materials	manual or automatic process, medium viscosity, good sprayability
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Pocket springs

Product	Base	Viscosity (mPas) at 150°C	Softening point (°C)	Open time (sec.)	Gluing materials	Special properties
TERMOKOL ULTRA 2621/1	metallocene polyolefin	appr. 6 000	appr. 108	appr. 10	PP and PP and PES non-woven textile	low consumption, white, good adhesion, flexible film, high cohesion, good resistance to high and low temperatures

TERMOKOL 2622	EVA	5 000 – 7 000 2 700 – 3 700 at 170°C	75 - 85	8-12	PP and PP and PES non-woven textile	> 44% bio based renewable raw material, OEKO-TEX Standard 100 class 1, PAH content max 5mg/kg, long open time, flexible adhesive film, good deep freeze resistance under load
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TERMOKOL 2626	EVA	1700 – 2 300	110 - 116	3 - 4	PP and PP and PES non-woven textile	medium open time, flexible adhesive film, very good heat resistance under load (SAFT)
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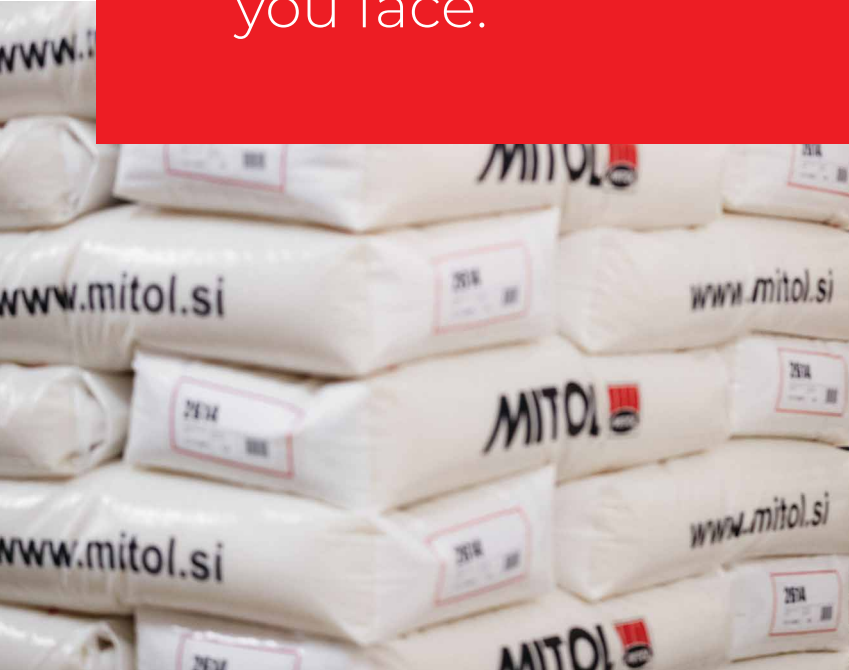
TERMOKOL 2628	EVA	appr. 3 500	appr. 104	5 - 8	PP and PP and PES non-woven textile	medium open time, flexible adhesive film, good heat resistance and medium deep freeze resistance
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TERMOKOL 2629	EVA	appr. 2 000	75 - 80	8 - 10	PP and PP and PES non-woven textile	application at lower temp. 130 – 150°C, good thermal stability, low odour, long open time, flexible adhesive film
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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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