

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 mattress production uses special cores made from layers of pocket springs.

For gluing pocket springs, MITOL produces a wide range of high-quality EVA and polyolefin-based hot melt adhesives, that can be used on both automatic and semi-automatic production lines.

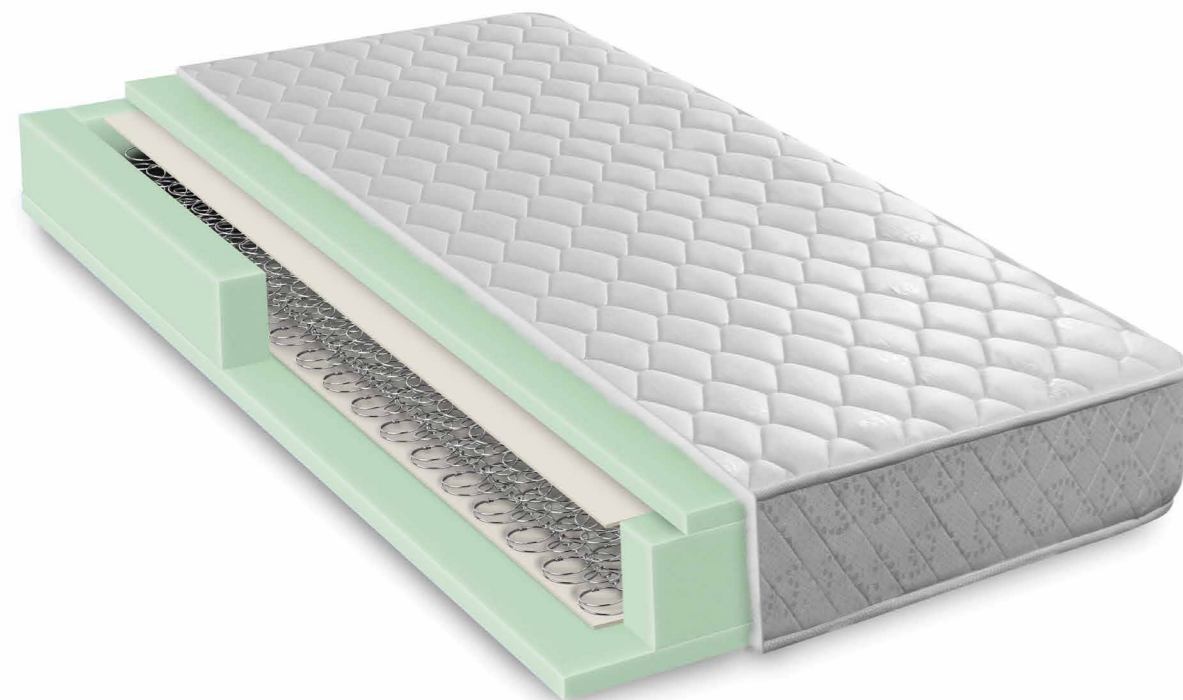
All developed adhesives for assembly gluing of pocket springs meet the high requirements of the standard OEKO-TEX 100, class 1, which means that the total content of polycyclic hydrocarbons (PAH) in the adhesive is less than 5 mg/kg. Polyolefin-PP-based adhesives are considered to be recyclable with non-woven material, which contributes to the recycling efficiency of the final product.

In addition to EVA and polyolefin-based hot melt adhesives, MITOL also offers several solutions for APAO-based hot melt adhesives which can be used for the glueing of mattresses. APAO-based adhesives are characterised by long open time, and good adhesion and they develop a strong bond in all combinations of flexible foam and different upholstery materials (felt, non-woven, jute, coconut fibres). APAO-based hot melt adhesives are mainly used for manual or automatic applications, where a very long open time and good initial hot tack are required.



Mattresses

Product	Chemical base	Viscosity (mPa.s)	Softening point (°C)	Open time (min.)	Material
TERMOKOL 2920	APAO	1.900-2.800 (180 °C)	80 - 90	3 - 4	PU foam and textile materials
TERMOKOL 2921	APAO	3.000-4.600 (160 °C)	75 - 85	4 - 5	PU foam and textile materials



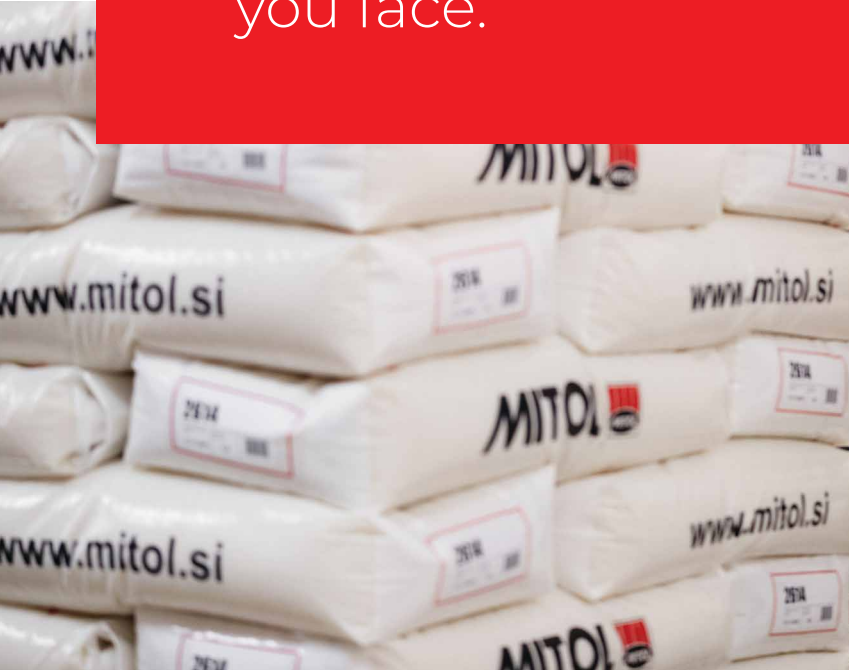
Pocket springs

Product	Chemical base	Viscosity (mPa.s)	Softening point (°C)	Open time (sec.)	Material
TERMOKOL 2622	EVA	5.000 - 7.000 (150 °C)	75 - 85	8-12	PP and PP and PES non-woven textile
TERMOKOL 2624	EVA	2.300 - 3.300 (170 °C)	75 - 85	7 - 10	PP and PP and PES non-woven textile
TERMOKOL 2626	EVA	1.700 - 2.300 (150 °C)	110 - 116	3 - 5	PP and PP and PES non-woven textile
TERMOKOL 2619	MePO	2.500 - 3.700 (160 °C)	102 - 112	8 - 10	PP and PP and PES non-woven textile
TERMOKOL ULTRA 2621/3	PO-PP	1.500 - 2.500 (160 °C)	105 - 115	10	PP and PP and PES non-woven textile



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.



MITOL, tovarna lepil, d.o.o., Sežana
Partizanska cesta 78, 6210 Sežana, Slovenija

T: +386 5 73 12 300
F: +386 5 73 12 390
E: mitol@mitol.si

www.mitol.si

KEEPING THINGS TOGETHER

MEMBER OF THE **SOUDAL** GROUP