

ADiNO[®]
Klebstoffe



Adhesive Innovation

PRODUCT SELECTION
HOTMELT ADHESIVE
FOR FURNITURE & WOODWORKING

Hotmelt Adhesives

EVA Hotmelt

- Standard applications in the interior furniture industry
- Good heat and cold resistance

PO Hotmelt

- Very high heat resistance
- Low consumption
- Less cleaning in melting units and nozzle applicators

PUR Hotmelt

- Highest resistance towards moisture, temperature and chemicals
- Highest bonding strength
- Zero glue-line

Choosing the right edge-banding adhesive is the first crucial bit in your process. To be considered are materials and equipment, technical and visual requirements in the end-product, and of course cost and production efficiency. In the ADiNO® hotmelt range you will not only find adhesives which fulfill your requirements in the bonding performance, but also which provide benefits in competitive production cost.

Edgebanding

Technical Specifications	HM 9182.0	HM 9184.0	HM 9286.0	HM 9287.0	HM 9350.0	HM 9362.0	HM 9585.0	HM 9580.0	HM 9830.0	HM 9270.0	HM 9043.0	HM 9045.0
Adhesive System	EVA	EVA	EVA	EVA	EVA	EVA	EVA	EVA	EVA	PO	PUR	PUR
Application temperature [°C]	120-150	120-150	170-190	170-190	180-200	190-210	180-210	190-210	180-200	200-220	140-160	120-150
Softening Point R&B [°C]	75	105	103	95	88	93	103	107	98	155	n.a.	n.a.
Feeding Speed [m/min]	5-20	5-20	10-40	10-40	15-40	10-40	10-60	10-60	10-30	>12	10-60	18-60
Viscosity [mPa.s]	at 140 [°C]	32,000	45,000	-	-	-	-	-	-	-	65,000	45,000
	at 200 [°C]	-	7,500	85,000	75,000	45,000	70,000	87,000	80,000	55,000	115,000	-
Density [g/cm³]	1.45	1.08	1.35	1.45	1.00	1.54	1.08	1.06	1.06	1.20	1.30	1.10

Applications

Thermoplastic Edgeband	●	●	●	●	●	●	●	●	●	●	●	●
Melamine / Paper Edgeband	●	●	●	●	●	●	●	●	●	●	●	●
Veneer	●	●	●	●	●	○	●	●	●	●	●	●
Solid Wood Edgeband		○	○	○	●		●	●	●	○	●	●
Acrylic Edgeband					●		●	●	●	●	●	●
Soft - Forming			○				○	○	●	○		
Automatic	○	○	●	●	●	●	●	●	●	●	●	●
Manual	●	●	○	○					○			
Holzher Cartridge System					●							

● > Recommended || ○ > Suitable

Low Density EVA hotmelts from ADiNO work with application amounts of up to 30% lower compared to standard EVA types. Aside of this effect as a result of their low density, their higher bonding strength compared to standard EVA types allow optimized "invisible" glue-lines for improved optics.

Technical and cost benefits, combined with their suitability with a wide range of edge and surface materials make our low density EVA hotmelts a popular choice in most edge-banding applications.

Supply in cartridge form, for HOLZ-HER or similar cartridge systems, is available as well.

ADiNO offers several hotmelt types in a variety of colors



Profile Wrapping / Flat Lamination

Technical Specifications	HM 9184.0	HM 9188.0	HM 9250.0	HM PU 9075.0	HM PU 9077.0	HM PU 9078.0	HM PU 9011.0	HM PU 9021.0
	Profile Wrapping					Flat Lamination		
Adhesive System	EVA	EVA	PO	PUR	PUR	PUR	PUR	PUR
Application Temperature [°C]	180-200	180-200	180-200	110-150	110-150	140-160	100-140	120-160
Softening Point R&B [°C]	105	85	129	n.a.	n.a.	n.a.	n.a.	n.a.
Feeding Speed [m/min]	5-20	8-80	8-40	4-40	4-40	10-60	n.a.	n.a.
Viscosity [mPa.s]	at 140 [°C]	-	-	27,000	30,000	17,000	4,000	12,000
	at 200 [°C]	7,500	5,000	9,000	-	-	-	-
Density [g/cm³]	1.08	1.05	0.91	1.08	1.09	1.09	1.09	1.08

Applications

Substrates	MDF, Particle Board	●	●	●	●	●	●	●
	Plywood	●	●	●	●	●	●	●
	Plastic (PVC,ABS, etc.)			●	●	○	○	○
	Alu (pre-treated), Metals				●	○	○	○
Surface Materials	Insulation Materials (XPS, PU, etc.)	○	○		●	●	●	●
	Paper Finish Foil	●		●	●	●	●	●
	Thermoplastic Foil (PVC, PMMA, etc.)	○	○	●	●	○	●	○
	CPL	●	●	●	●		○	●
	Veneer, Thin (≤ 0.4mm)	●	●	●	●	●	●	●
Veneer, Thin (> 0.4mm)	○	○	○	●		○	●	
High Gloss Panels							●	○
Sandwich / Composite panels							○	●
Honeycomb Panels							○	●
Multi-layer Parquet								●

● > Recommended || ○ > Suitable



Technical data provided in this brochure generally are approximate values, based on internal tests and many years of practical experience. The variety of materials used and different work conditions, which lie beyond our control, preclude any claims based on this data. We recommend performing sufficient tests and pilot runs that our technical service team gladly support.

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