

**TECHNO**MELT

## The Hotmelt Value Package



Excellence is our Passion

# The Hotmelt Value Package

## Good Reasons for Your Success

Our hotmelt product range includes adhesives based on PUR, PO, PA and EVA for edge banding, profile wrapping, assembly and postforming. The TECHNOMELT Clean Processing Hotmelts are the latest examples for our innovation performance. They convince through non-stringing processing, considerably reduced cleaning as well as tight joints.

### Edge Banding

#### TECHNOMELT KS 207 (EVA)

- » Very clean processing characteristics
- » For high machine speed starting from 20 m/min

#### TECHNOMELT KS 230/1 (EVA)

- » For softforming and straight edges
- » Fast melting
- » Very good wetting and clean processing

#### TECHNOMELT DORUS KS 351 (EVA)

- » Unfilled quality
- » High thermal stability
- » For softforming and straight edges

#### TECHNOMELT PUR 270/7 (PUR)

- » Edge Banding with very high water and heat resistance
- » Clean processing

### Profile Wrapping

#### TECHNOMELT PW 839 (EVA)

- » Unfilled quality
- » Especially for complicated profile cores
- » Very high bond strength to all common foils

#### TECHNOMELT PW 280/3 (PO)

- » Especially for profiles and panels as well as substrates with high memory forces (e.g. CPL)
- » Very high heat resistance

### Optimisation Processes and ensuring Quality

Henkel supports its customers not only regarding the right selection of adhesive, but moreover also offers technological solutions. These allow an improvement in product quality and an optimisation of the production process at our customers' sites, as for example:

- » Even and smooth surface at the edge and profile
- » The use of thinner edge and foil materials
- » Reduction in cleaning

## CONCLUSION

Realisation of a constantly high product quality, minimized rejects and increase in productivity.

#### Product Overview Edge Banding

Field of application	Basis	Characteristics	Product
Straight edges	EVA	<ul style="list-style-type: none"> <li>• Very clean processing</li> <li>• For high machine speed starting from 20m/min</li> <li>• High final bond strength</li> </ul>	TECHNOMELT KS 207
Straight edges/softforming	EVA	<ul style="list-style-type: none"> <li>• Fast melting</li> <li>• Very good wetting and clean processing</li> </ul>	TECHNOMELT KS 230/1
	EVA	<ul style="list-style-type: none"> <li>• For all common edge banding materials</li> <li>• Unfilled quality</li> <li>• High thermal stability</li> </ul>	TECHNOMELT DORUS KS 351
	PUR	<ul style="list-style-type: none"> <li>• For low machine speed starting from 15m/min</li> <li>• High final bond strength</li> <li>• Very high heat, cold and water resistance</li> </ul>	TECHNOMELT PUR 270/7



## On Site Services and Services at the Henkel Technology Center



### Audits and Consulting

- » Analysis of the current production process with focus on adhesive application
- » Definition of suitable process optimisation and performance measures

### Trainings

- » On customer's own production line by Henkel experts
- » Optimisation of process parameters for adhesive application
- » On production lines for optimal use of TECHNOMELT Hotmelt adhesives
- » Individually designed programs are possible as well
- » A detailed training manual is part of this Henkel service

### Your Individual Hotmelt Value Package

We have presented our offer in detail. It will help you to make up your own package with individual products and services – accurately adjusted to your requirements. Our specialists will be glad to assist you in selecting the ideal combination.

### Start-up Support

- » Technical support during production start-up process by assistance of Henkel specialists
- » A detailed start-up protocol is part of this Henkel service

### Quality Control

- » Support of Henkel experts on site on optimal processing
- » Quality check of produced parts
- » Detailed test report including proposals for establishing customer's own quality assurance system
- » Quality check in accordance to official standards as well as particularly designed tests

### Materials

- » Application and performance tests of new materials according to our standards or customers requirements
- » **Benefit:** Saving of expensive machine capacities due to no interruption of production lines

### Application Equipment

- » Henkel experts offer assistance on selecting suitable processing technology
- » **Benefit:** Assistance on adhesive relevant issues and using our long-term contacts to machine suppliers with best reputations

### Safety, Health and Environment

- » Information on new regulations and directives in condensed manner
- » **Benefit:** Time intensive study of extended and complicated publications become unnecessary

#### Product Overview Wrapping

Field of application	Basis	Characteristics	Product
Profile wrapping of complicated profiles	EVA	<ul style="list-style-type: none"> <li>• Low viscosity</li> <li>• For high machine speed starting from 20m/min</li> <li>• Extremely smooth surface</li> <li>• High heat resistance</li> </ul>	TECHNOMELT PW 839
Profile wrapping by nozzle application and roller	PO	<ul style="list-style-type: none"> <li>• Medium viscosity</li> <li>• For all common foil qualities including CPL</li> <li>• For high machine speed starting from 20m/min</li> <li>• Very high heat resistance</li> </ul>	TECHNOMELT PW 280/3
Profile wrapping with high moisture resistance	PUR	<ul style="list-style-type: none"> <li>• For all common foil qualities including CPL</li> <li>• Machine speed starting from 8m/min possible</li> <li>• Highest heat resistance</li> </ul>	TECHNOMELT PUR 6217

# **TECHNOMELT**

Henkel AG & Co. KGaA | Location Bopfingen  
Kirchheimer Straße 9  
73441 Bopfingen | Germany  
Phone: +49 7362 81-0  
Tax: +49 7362 81-199  
E-mail: [dorus.henkel@henkel.com](mailto:dorus.henkel@henkel.com) | [www.henkel.com](http://www.henkel.com)