



Henkel

Your Partner Worldwide

About Henkel

The Henkel Group operates in three strategic business areas: Home Care; Personal care; and Adhesives, Sealants and Surface Treatments, which serves the transportation, electronics, aerospace, metal, durable goods, consumer goods, maintenance and repair and packaging industries, and offers a broad range of products for the craftsman and consumer. More than 50,000 employees work for the Henkel Group worldwide. People in 125 countries around the world trust in brands and technologies from Henkel.

Industrial Adhesives & Sealants

The Henkel Group offers the world's most extensive portfolio of adhesives and sealants for industrial applications. Each business unit can draw on all of the adhesives technologies available throughout the Group. All customers, no matter what their sector, therefore benefit from Henkel's comprehensive adhesives expertise and from its vast development potential.



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Purmelt® Value Package



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The Henkel Value Package

4more good reasons for your success

As the world's largest manufacturer of adhesives, Henkel is known for its extensive range which stretches far beyond the supply of efficient and reliable products.

At the same time, Henkel is one of the leading and most innovative suppliers of tailor-made adhesives and system solutions for the furniture and building components industry worldwide. The focus of our employees is the need of our customers. Open dialogue is our strength. Therefore our experts visit you on site in order to record your needs as well as relevant production conditions. The target of our intensive consultation is not only the choice of the right adhesive, but also the optimisation of the complete bonding process regarding quality and productivity.

Via the **Henkel Value package** we have structured these benefits and further extended them for you.

The target:

To offer you a comprehensive and optimally coordinated system of products and services. We have put together our services under the term “**Henkel Value Package**”.

An integral, value-adding result can be achieved by means of the coordinated interplay of the areas product, process, service, and design: Henkel makes the world go round.

Are you keen enough to safeguard the lasting efficiency of your production processes and further optimise these for the future?

Discover the advantages of the Henkel Value Package. A multitude of opportunities and possibilities are available to you.



The 4 Elements

Product, Process, Service, and Design



Innovative Products ensure Quality and Efficiency

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Henkel offers high quality Purmelt® adhesives

Purmelt® by Henkel convinces by an extraordinarily high quality. Irrespective of its usage – for hard-wearing furniture as well as for elements for indoor or exterior use. Purmelt® is the first choice whenever highest bond strength plays a decisive role.

Purmelt® – adhesive for highest requirements

- Edge Banding
- Parquet Bonding
- Flat Lamination
- Profile Wrapping
- Assembly Bonding

Purmelt® – Innovative into the Future



Optimising Processes and ensuring Quality

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Special Henkel tools support you

Proven Henkel products, specifically designed for Purmelt® support daily cleaning, lubricating or protective coating of equipment components.

- Melt-O-Clean
- Purmelt® Cleaner 3
- Purmelt® Cleaner 4
- MicroEmission Cleaner
- Purmelt®-O-Lub
- Frekote® 770-NC
- Purmelt®-O-Seal



Henkel provides a Full Service Package

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Our technicians support you – on site as well

Henkel customers receive a complete and individual service package which supports the adhesive. Our long-term and worldwide experience is your advantage.

On site Services

- Start-up Support
- Trainings
- Quality Control
- Audits and Consulting
- Mouse Cleaning

Services at the Henkel Technology Center

- Quality Control
- Trainings



A new Design needs competent Partners

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Close and comprehensive team work

Right from the beginning – in close co-operation with our customers we share our experience when you decide to redefine your processes or when new materials and machines are to be introduced.

Design Support

- Focused on Materials
- Focused on Application Equipment
- Focused on Safety, Health and Environment

Innovative Products ensure Quality and Efficiency

Henkel offers high quality Purmelt® adhesives

Purmelt® by Henkel convinces of an extraordinarily high quality. Irrespective of its usage – for hard-wearing furniture as well as for elements for indoor or exterior use. Purmelt® is the first choice whenever highest bond strength plays a decisive role.

Purmelt® – Adhesive for highest Requirements

Bondings with Purmelt® are resistant against humidity, heat, cold as well as oil and many solvents. As Purmelt® does not contain moisture, substrates do not swell. Thus, tensions during the drying process do not occur. These advantages make Purmelt® the right choice where quality is of essential importance, e.g. High Gloss surfaces.



Purmelt® – Edge Banding

- Extraordinary initial strength allows very high line speeds
- High-quality formulations allow highest heat, cold and moisture resistance
- Available in blocks, cartridges and granules



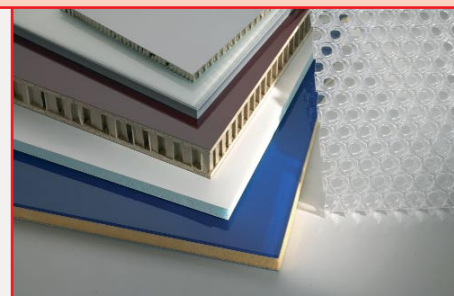
Purmelt® – Parquet Bonding

- Adhesives with a high initial strength for both, stationary and throughfeed production lines
- Due to special adhesive properties suited for absorption of high dynamical forces



Purmelt® – Flat Lamination

- For all common roller-coating systems
- Marginal stringing hotmelts with low application temperatures
- A distinctive tack and optimal wetting characteristics ensure a safe adhesion to numerous materials
- Special adhesives for High Gloss materials available



Purmelt® – Profile Wrapping

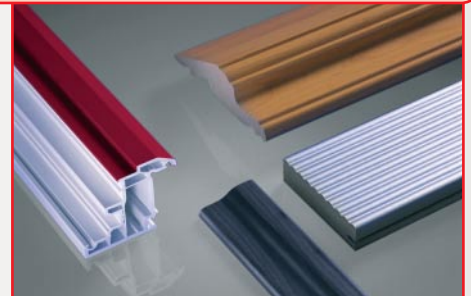
Exterior use:

First-class hotmelts with highest weather resistance

- Certified by approved institutes
- Apart from classic solvent primers, we offer water-based systems for the pre-treatment of PVC surfaces

Indoor use:

- Universally applicable for decor papers, plastic foils, laminates (e.g. CPL) and especially for laminates hardened by electron beams



Purmelt® – Assembly Bonding

- Available in blocks or cartridges
- Safe adhesion to numerous materials
- Fast setting
- Very high initial strength



Purmelt® – Innovative into the Future

Purmelt® Granules – a perfect start:

Professional processing of Purmelt® and EVA or APAO Hotmelts on the same machine.

Purmelt® MicroEmission

First-class bonding now with non-hazardous labeled Purmelt®



Your Benefits

A high initial strength increases the output. An extraordinary heat resistance, a distinct cold flexibility and a high moisture resistance result in a very broad field of application – Purmelt® offers economical security.

Optimising Processes and ensuring Quality

Special Henkel tools support you

Proven Henkel products, specifically designed for Purmelt® support daily cleaning, lubricating or protective coating of equipment components.

Melt-O-Clean

- Liquid cleaner, delivered in convenient spray bottles
- Especially for non-cured Purmelt®
- Can be easily wiped off with a cloth



Purmelt® Cleaner 3

- Special cleaning powder
- Efficient cleaning of roller-coaters
- Very short residence time
- Prolongs the roller-coaters' durability



Purmelt® Cleaner 4

- Special cleaning granules, blue-coloured
- Suitable for all common premelting and application systems
- Inhibits unmeant curing of Purmelt® residues inside the premelting and application system



MicroEmission Cleaner

- Liquid cleaner for heavily contaminated premelting and application systems
- Suitable for all common systems
- Filtration enables multiple usage
- Does not require hazardous labelling



Purmelt®-O-Lub

- Synthetic lubricant
- Especially for Purmelt® application equipment, e.g. to be applied onto the melten platen's O-rings
- Moisture-free, non-corrosive



Frekote® 770-NC

- Highly efficient anti-stick coating
- Improves cleaning of equipment components, e.g. metal transport or pressure rollers or uncoated melting devices from Purmelt® residues



Purmelt®-O-Seal

- Precoating of new roller coaters with silicone rubber surface
- Easy application by hand-roller
- May prolong the roller coaters' durability considerably



Your Benefits

Easy and fast cleaning increases equipment availability. Henkel lubricants and coating agents prolong your equipment's durability. Result: Decrease of production costs.

Henkel provides a Full Service Package

Our technicians support you – on site as well

Henkel customers receive a complete and individual service package which supports the adhesive. Our long-term and worldwide experience is your advantage.

On site Start-up Support

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



On site Trainings

- Individual technical training service on customers own production line by Henkel experts
- Optimisation of process parameters for adhesive applications
- Advice for trouble shooting



On site Quality Control

- Support of Henkel experts on site on optimal processing of Purmelt®
- Process controlling measures
- Quality check of produced parts
- Detailed test report including proposals for establishing customers own quality assurance system is part of this Henkel service



On site Audits and Consulting

- Comprehensive analysis of the current production process with focus on adhesive application
- Development and assessment of possible improvements concerning adhesive application
- Definition of suitable process optimisation and performance measures



Mouse Cleaning

- Highly efficient system to clean transportation hoses inside from residuals
- A maintenance procedure to be carried out once or twice a year
- In time cleaning avoids production standstills caused by blockings of the hoses or application heads, e.g. slot nozzles



Quality Control at the Henkel Technology Center

- Quality check in accordance to official standards like DIN, EN, ISO, regulations of associations like RAL Gütegemeinschaft as well as particularly designed tests
- A detailed report is part of this Henkel service



Trainings at the Henkel Technology Center

- Technical training service on production lines for optimal use of Purmelt®
- Beside the Henkel standard training, individually designed programs are possible as well
- A detailed training manual is part of this Henkel service



Your Benefits

From expert to expert – the Henkel team provides technical support on customer's site as well as at the Henkel Technology Center.

A new Design needs competent Partners

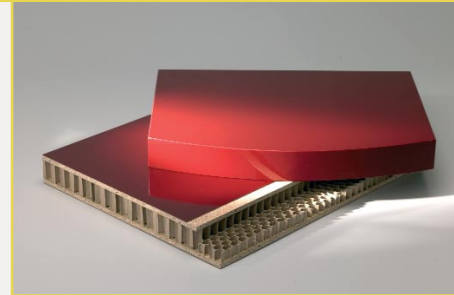
Close and comprehensive team work



Right from the beginning – in close co-operation with our customers we share our experience when processes have to be redefined as well as new materials or machines are to be introduced.

Focused on Materials

- Application and performance tests of new materials at the Henkel Technology Center according to our standards or customers requirements
- Benefit: Saving of expensive machine capacities due to no interruption of production lines
- An expressive report is part of this Henkel support



Focused on Application Equipment

- On the background of optimal use of Purmelt®, Henkel experts offer assistance on selecting suitable processing technology
- In dependence on system complexity, support in feasibility studies can be provided
- Benefit: Assistance on adhesive relevant issues related to equipment and using our long-term contacts to machine suppliers with best reputations



Focused on Safety, Health and Environment

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



Your Benefits

For early adaption of trends you need the right partners. We are ready to provide our knowledge in order to jointly develop new ideas to increase product quality and to reduce production costs.

Your individual Purmelt® 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.

Customer	Date	
<input type="text"/>		
Element	Selection	Remarks
Product		
• Edge Banding	<input type="radio"/>	
• Parquet Bonding	<input type="radio"/>	
• Flat Lamination	<input type="radio"/>	
• Profile Wrapping	<input type="radio"/>	
• Assembly Bonding	<input type="radio"/>	
• Purmelt® – Innovativ into the Future	<input type="radio"/>	
Process		
• Melt-O-Clean	<input type="radio"/>	
• Purmelt® Cleaner 3	<input type="radio"/>	
• Purmelt® Cleaner 4	<input type="radio"/>	
• MicroEmission Cleaner	<input type="radio"/>	
• Purmelt®-O-Lub	<input type="radio"/>	
• Frekote® 770-NC	<input type="radio"/>	
• Purmelt®-O-Seal	<input type="radio"/>	
Service		
On site Services		
• Start-up Support	<input type="radio"/>	
• Trainings	<input type="radio"/>	
• Quality Control	<input type="radio"/>	
• Audits and Consulting	<input type="radio"/>	
• Mouse Cleaning	<input type="radio"/>	
Services at the Henkel Technology Center		
• Quality Control	<input type="radio"/>	
• Trainings	<input type="radio"/>	
Design		
Support with		
• Focus on Materials	<input type="radio"/>	
• Focus on Application Equipment	<input type="radio"/>	
• Focus on Safety, Health and Environment	<input type="radio"/>	