

technomelt®



Henkel

Working with Henkel's Technomelt® Cool makes Production Processes easier

A lot of companies have been looking for sustainable solutions in the bookbinding process – that is why Henkel has developed the Technomelt® Cool line of low application temperature hotmelts. Technomelt® Cool hotmelts are based on standard EVA materials and have helped numerous customers across Europe not only to increase safety within the working environment but **to reduce energy bills and overall carbon footprint impact as well.**





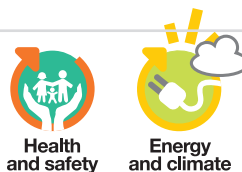
Henkel – Your Partner in Sustainable Growth



Henkel

Lower Application Temperature Adhesives

Through the acquisition of National Starch businesses, Henkel has been able to further expand its leading role in the industrial adhesives sector. Traditionally hotmelts have to be applied at 160 to 180 °C, but our Technomelt® Cool range can be used at just 120 °C.

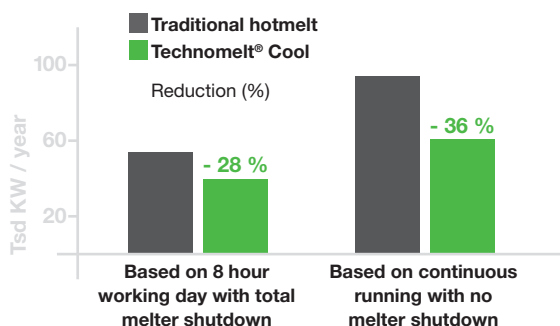


Versatile Product Range

Using patented formulation techniques Henkel has expanded the Technomelt® Cool product range to cover the different customer requirements that exists in Graphic Arts market. We can provide you with products to fit most binding jobs.

Energy Consumption

Typical Hotmelt Adhesive Equipment



Energy Savings

When using one of the Technomelt® Cool products offered by Henkel, you will be able to reduce energy consumption by up to 36 % and therefore lower your carbon footprint. It is due to the lower application temperature of the versatile product range that ensures the minimum amount of energy used in the binding process. The longevity of the equipment and processing parts is also extended, thereby reducing unnecessary consumption throughout the bindery.

Thermal Degradation

Traditional Hotmelt Adhesive versus Technomelt® Cool



Employee Safety

Technomelt® Cool was created for the safety and health of employees, customers and consumers. A lower operating temperature reduces energy consumption and provides a reduced risk of injury while the product is in use. Because Technomelt® Cool products have been formulated to resist degradation there is less need to interact with the processing equipment for cleaning and maintenance thus also lowering the risk of injury.

Elements of Value

For information about our comprehensive service offering and how it can really help your business – please refer to our documents about Service, Process and Design opportunities or contact your local Henkel sales representative.



To learn more about Henkel's sustainability initiative visit:

www.henkel.com/sustainability

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