Complete Low Temperature Hotmelt Range for Packaging Applications

Your Benefits

• High performance on a wide variety of applications
• No fumes
• Lower energy consumption and improved safety due to the lower application temperature
• Average consumption reduced by 20 % versus traditional hotmelt adhesives
• Hassle-free maintenance
Coolmelt® Ultra
Always the Right Adhesive for Your Requirements

Henkel’s Coolmelt® Ultra Technology cuts energy usage by up to 40 %, saving on power costs, lowering carbon emissions and reducing burn risk.

The Coolmelt® family of specialty adhesives is the only line of low-temperature products in the adhesive industry capable of meeting your specific requirements for bonding integrity, productivity, utilisation costs and safety.

<table>
<thead>
<tr>
<th></th>
<th>Coolmelt® Ultra 90</th>
<th>Coolmelt® Ultra 120</th>
<th>Coolmelt® Ultra 250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>General purpose carton closing for standard deep freeze requirements</td>
<td>General purpose carton closing, tray erection &amp; folding boxes, sift proof qualified</td>
<td>Carton closing of difficult bond substrates for deep freeze requirements, high adhesion</td>
</tr>
<tr>
<td>Viscosity (Brookfield)</td>
<td>1390 mPas at 100 °C</td>
<td>1050 mPas at 130 °C</td>
<td>1000 mPas at 130 °C</td>
</tr>
<tr>
<td>Open time</td>
<td>medium to long</td>
<td>short to medium</td>
<td>short to medium</td>
</tr>
<tr>
<td>Optimum operating temp.</td>
<td>95 – 105 °C</td>
<td>130 – 140 °C</td>
<td>130 – 140 °C</td>
</tr>
</tbody>
</table>

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.

Contact
Henkel AG & Co. KGaA
40191 Düsseldorf, Germany
Phone +49 211 797-4119
Fax +49 211 798-2312
Email eol@henkel.com
www.henkel.com