Cooling Tunnel Belts
Ropanyl series

Belts for Efficient Chocolate Tempering
The aim of this range is to ensure accurate cooling/tempering to ensure the highest levels of product quality (taste and texture) and appearance (shape and belt embossing on the product's underside).

The Ropanyl Series exceeds expectations for thermal conductivity, tracking, flexibility and belt finish surface.

### Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extremely smooth glossy finish</td>
<td>Top-quality product finish, without belt surface marks</td>
</tr>
<tr>
<td>High lateral fabric stability</td>
<td>Reliable tracking, no curling edges</td>
</tr>
<tr>
<td>Thin belts</td>
<td>High thermal conductivity</td>
</tr>
<tr>
<td>Superior design and materials</td>
<td>Suitable for fixed knife edges (from 5 mm diameter)</td>
</tr>
<tr>
<td>Food Grade</td>
<td>Complies to FDA, EC 1935/2004 and EU 10/2011 standards, and supports your HAACP programmes, too</td>
</tr>
<tr>
<td>Wide range of profiles, including custom-made</td>
<td>Delivers desired chocolate finish from a range of common profiles, including Charlie; negative and positive pyramid – meets all embossing needs (custom profiles and logos possible)</td>
</tr>
<tr>
<td>Non-stick properties</td>
<td>Better product quality, plus cost savings through easy cleanability, less waste and reduced downtime</td>
</tr>
<tr>
<td>Available in white, light blue, and caramel colours</td>
<td>Enhanced Food Safety through best contrast colour between product and belt surface</td>
</tr>
<tr>
<td>Scraper friendly</td>
<td>Highly cleanable belt surfaces for better product quality</td>
</tr>
<tr>
<td>On site splicing</td>
<td>State-of-the-art splice finishing for glossy, matt or profiled belt surfaces alike</td>
</tr>
<tr>
<td>High fabric body strength values</td>
<td>Suitable for extra-long/wide tunnels</td>
</tr>
</tbody>
</table>

**UltraScraper**

Food Grade metal detectable soft lip cleaning scraper for extended hygiene.
The thin, light Ropanyl belt design ensures high thermal conductivity while lowering energy consumption.

For enhanced hygiene, antimicrobial Ropanyl light blue cooling tunnel belt types are available. These belts have a proven track record of safety and efficiency.

Matt finish prevents product slide and non-stick properties guarantee easy scraper cleaning.

Profiles
The thermoplastic Ropanyl covers may be embossed to transfer the required pattern or company logo into the chocolate product surface. Besides standard profiles, many other profiles are available.

Ammeraal Beltech recommends matt belt finish [description M1] surface with high non-stick properties for secondary cooling and tempering processes for semi-finish products, and glossy belt surface for primary or single-stage cooling tunnels for high-quality smooth finish products.

Ammeraal Beltech Ropanyl belt series
state of the art of chocolate tempering

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**General Technical Data – Ropanyl Cooling Belts**

<table>
<thead>
<tr>
<th>Article code</th>
<th>Belt description</th>
<th>Belt top finish</th>
<th>Number ofplies</th>
<th>Belt thickness (mm)</th>
<th>Min knife edge diameter (mm)</th>
<th>Max available width (mm)</th>
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<tbody>
<tr>
<td>579800</td>
<td>Ropanyl EM 3/1 00+02 white AS FG</td>
<td>Glossy</td>
<td>1</td>
<td>0.8</td>
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</tbody>
</table>

AM = Antimicrobial. AS = Anti-Static. FG = Food Grade (EC, EU and FDA). NL = No Logo. EM = lateral stable. EM05 = extra lateral stable.

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