Pre-heater Mesh Belt
ENT-12EEWL

The ENT-12EEWL is specifically designed to meet the requirements of a pre-heater mesh belt in processing lines for OSB, particle boards, or MDF wood panels. Increasing the temperature of the wood-resin mixture before it reaches the press enables faster curing and increased speed of the production line, which in turn results in increased productivity of 15% to 30%.

Habasit’s ENT-12EEWL is the ideal processing belt for this application, offering:
- Constant airflow over the joint thanks to its endless woven structure and single-loop seam joint
- Suitability for nosebars and small pulley diameters
- No shrinking effect in the hot environment due to edges finished by a melting process
- No wood fiber clogging issues – which allows reliable air permeability
- Long lifetime due to its robust and durable belt design offering high abrasion and hydrolysis resistance
- Fast installation of the single-loop joint without dismantling the whole pre-heater machine, which limits downtimes and yield losses for end users
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Key features | Your benefits
---|---
• High temperature stability | • High operating temperatures: 130 °C continuous, 150 °C short-term peak temperature
• Hydrolysis resistance | • Fast curing and increased productivity
• Single-loop seam joining | • Suitable for steam treatment
• No clogging of wood fibers | • Fast installation
• Anti-static properties | • Constant airflow over the complete belt length
• Long lifetime
• Constant airflow throughout belt life
• Safe running of the production line
• Good release properties

Cross-section

Mesh belt: Polyester (PET) fabric, white

Technical key data

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Mass</th>
<th>Tensile force k1%</th>
<th>Tensile force k1% relaxed</th>
<th>Max. operating temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>inch</td>
<td>kg/m²</td>
<td>lb/sqft</td>
<td>N/mm</td>
</tr>
<tr>
<td>1.4</td>
<td>0.053</td>
<td>1.3</td>
<td>0.266</td>
<td>14</td>
</tr>
</tbody>
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