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**

<table>
<thead>
<tr>
<th>Mesh belt: Polyester (PET) fabric, white</th>
</tr>
</thead>
</table>

**Your benefits**

- High temperature stability
  - High operating temperatures: 130 °C continuous, 180 °C short-term peak temperature
  - Fast curing and increased productivity
- Hydrolysis resistance
  - Suitable for steam treatment
- Single-loop seam joining
  - Fast installation
  - Constant airflow over the complete belt length
- No clogging of wood fibers
  - Long lifetime
  - Constant airflow throughout belt life
- Anti-static properties
  - 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% relaxed</th>
<th>Tensile force k1%</th>
<th>Max. operating temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm/inch</td>
<td>kg/m²</td>
<td>N/mm lb/in</td>
<td>N/mm lb/in</td>
<td>°C/F</td>
</tr>
<tr>
<td>1.4/0.053</td>
<td>1.3</td>
<td>14 80</td>
<td>10 57</td>
<td>130 266</td>
</tr>
</tbody>
</table>

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For further information choose country selection Habasit Worldwide on: www.habasit.com

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