

Pre-heater Spiral Belt

ENR-15EGW



The ENR-15EGW is specifically designed to meet the requirements of a pre-heater spiral, top 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%.



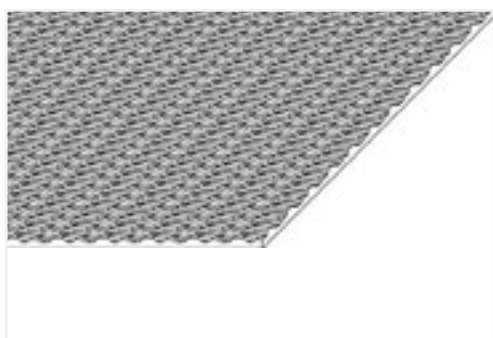
Habasit's ENR-15EGW is the ideal processing belt for this application, offering:

- Constant airflow over the joint thanks to its endless woven structure and single-loop seam joint
- No shrinking effect in the hot environment due to the additional heat-treatment 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 prepress, which limits downtimes and yield losses for end users

Pre-heater Spiral Belt ENR-15EGW

Key features	Your benefits
<ul style="list-style-type: none"> • High temperature stability 	<ul style="list-style-type: none"> • High operating temperatures: 130 °C continuous, 150 °C short-term peak temperature • Fast curing and increased productivity
<ul style="list-style-type: none"> • Hydrolysis resistance • Single-loop seam joining 	<ul style="list-style-type: none"> • Suitable for steam treatment • Fast installation • Constant airflow over the complete belt length
<ul style="list-style-type: none"> • No clogging of wood fibers 	<ul style="list-style-type: none"> • Long lifetime • Constant airflow throughout belt life
<ul style="list-style-type: none"> • Anti-static properties 	<ul style="list-style-type: none"> • Safe running of the production line • Good release properties

Cross-section



Spiral belt: Polyester (PET) fabric, white

Technical key data

Thickness		Mass		Tensile force k1%		Tensile force k1% relaxed		Max. operating temperature	
mm	inch	kg/m ²	lb/sqft	N/mm	lbf/in	N/mm	lbf/in	°C	°F
2.4	0.09	1.1	0.225	19	108	16	91	130	266

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