

# MNM-06HEB: Elastic Cross Apron Belt with Best-in-Class Performance



# Reliable properties



The MNM-06HEB consists of a specially designed thermoplastic material that combines elasticity, outstanding flex-fatigue properties and consistent grip, with high abrasion resistance and excellent dimensional stability. A special antistatic coating prevents fiber attraction.

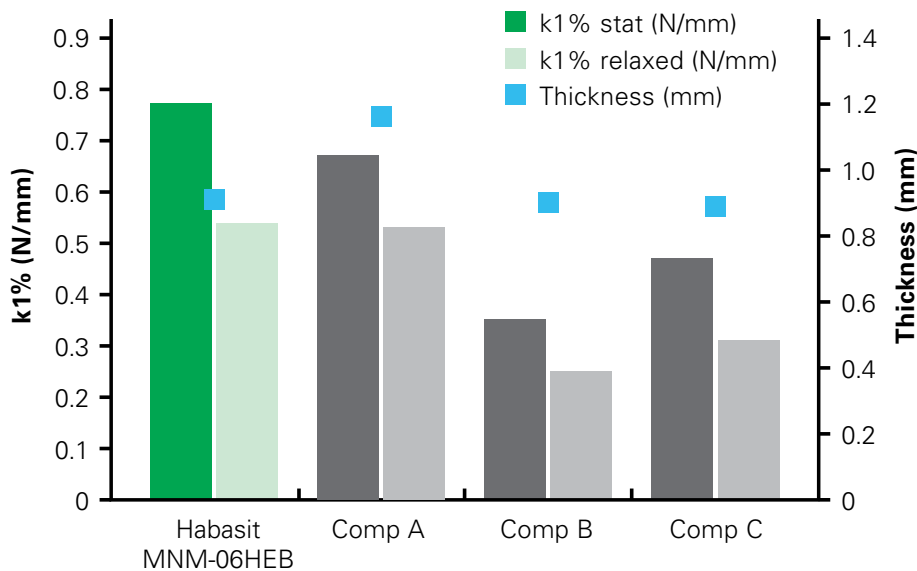
The MNM-06HEB supplements our comprehensive range of belts for the yarn processing industry and was developed in line with the requirements of leading machine manufacturers and end users.

Tests on state-of-the-art high-performance carding machines have proved:

- High machine performance
- Precise and well-controlled fiber guidance
- Smooth transport and handling of sliver
- Uniform quality of sliver
- No fiber attraction – even synthetic fibers are processed without problems
- Long belt service life


**MNM-06HEB: an elastic cross apron belt with best-in-class dimensional stability and the perfect combination of strength and thickness**

- The MNM-06HEB is as thin and flexible as competitor products but offers 70% higher strength. Customers benefit from robustness and outstanding performance
- The MNM-06HEB is 27% thinner and more flexible than products of comparable strength. Customers benefit from excellent flex-fatigue properties and long belt life



# Performance summary

Key features	Your benefits
<ul style="list-style-type: none"> <li>Elastic</li> <li>Excellent dimensional stability</li> <li>No sensitivity to changing ambient humidity</li> </ul>	<ul style="list-style-type: none"> <li>No belt tensioning device is required</li> <li>Economical machine design</li> <li>No re-tensioning required after installation with adequate initial tension</li> <li>No machine downtimes</li> <li>Precise and smooth handling of sliver</li> <li>High machine throughput</li> <li>Low operating costs</li> </ul>
<ul style="list-style-type: none"> <li>Durable and abrasion resistant thermoplastic belt construction</li> <li>Constant coefficient of friction</li> </ul>	<ul style="list-style-type: none"> <li>Reliable and consistent grip</li> <li>Well-controlled fiber guidance</li> <li>Smooth transport and handling of sliver</li> <li>Uniform quality of sliver</li> <li>Long belt service life</li> </ul>
<ul style="list-style-type: none"> <li>Antistatic coating</li> </ul>	<ul style="list-style-type: none"> <li>Prevents fiber attraction</li> <li>Less cleaning needed</li> <li>Low maintenance costs</li> </ul>
<ul style="list-style-type: none"> <li>Good belt tracking</li> </ul>	<ul style="list-style-type: none"> <li>No re-adjustments required</li> <li>Precise and smooth handling of sliver</li> <li>High machine throughput</li> </ul>
<ul style="list-style-type: none"> <li>High longitudinal flexibility</li> <li>Good flex-fatigue properties</li> </ul>	<ul style="list-style-type: none"> <li>Long belt service life</li> <li>Low energy consumption</li> </ul>
<ul style="list-style-type: none"> <li>Durable joint with excellent flex-fatigue properties</li> </ul>	<ul style="list-style-type: none"> <li>Low maintenance costs</li> </ul>

Product code	Nomenclature
MNM-06HEB	M Machine tape
	N Property conveying side: Non-adhesive
	M Surface structure conveying side: Matt finish
	– Hyphen (reading aid)
	06 Class of tensile force for 1% elongation
	H Material traction layer: Hamid
	E Special characteristics: electrically conductive
	B Surface color: Black

The product is symmetrical with sand structure surface on both sides.

## Technical key data

Belt type	Belt thickness [mm / inch]	Tensile force for 1% elongation (relaxed) [N/mm / lbf/in]	Color
MNM-06HEB	0.9 / 0.035	0.55 / 3.14	black

# Solutions in motion



## **Comprehensive consulting and technical support**

Profit from the best consulting and technical support in the lightweight belting industry. Local experts are always available to assist you with your belting needs. The Habasit team is proud to provide the highest levels of support, together with top-quality products that have led the global market for decades.



## **Belt selection and calculation assistance**

We are always glad to help you select the most suitable belt for any application. We now also provide the free online tool 'SeleCalc' that makes it easy to make selections and calculations yourself.

Simply register online at [selecalc.habasit.com](http://selecalc.habasit.com).



## **Fabrication, assembly and local installation services**

As a full-service belting provider, we offer joining and assembly services either at our own locations or directly on your equipment.

Habasit has over 30 affiliates worldwide, each with its own inventory, fabrication, assembly and service facilities.



Together with representative offices and numerous qualified distributors, we can react quickly and efficiently to meet all your needs.



## **Customer training programs**

To ensure the optimal performance and maximum lifespan of all our products, we offer training programs and various support tools. These include procedures for fabrication, installation, assembly, maintenance and belt repair, all of which take place at a Habasit site or at your location.



## **Belt monitoring, inspections, analyses and process optimization proposals**

We organize and handle belt maintenance, inspections, analyses and surveys at customer sites. Upon request, we are ready to develop optimization proposals to ensure you're getting maximum value from your machinery and process output.



## **Design assistance for customized solutions**

Habasit believes in building partnerships with our customers. Our engineering team will work closely with your engineers on joint design developments from initial design to final implementation. This expert service can be invaluable for projects involving new technologies or large-scale modifications and adaptations.

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