



optibelt OPTIMAX HF2

ENDLESS HIGH-PERFORMANCE FLAT BELTS



The new generation of the **optibelt OPTIMAX HF2** flat belt is manufactured in an optimised production process with precisely wound polyester tension cords. This new design deliberately omits any additional fabric layers, since the achievable tensile force and power transmission are already maximised. Also, the new **optibelt OPTIMAX HF2** flat belt has an extended label that allows faster traceability in addition to indicating the belt properties.

Thanks to its continued outstanding flexibility, the **optibelt OPTIMAX HF2** performs with absolute reliability even in the case of small bending radii and frequent bends.

Thanks to its chloroprene elastomer, the **optibelt OPTIMAX HF2** flat belt continues to ensure excellent temperature resistance and the accustomed high resistance to a wide range of chemicals. Furthermore, the **optibelt OPTIMAX HF2** flat belt has antistatic properties. These characteristics highlight the belt's robustness and operational efficiency.

Optibelt's comprehensive service provides excellent advice and develops drive designs tailored to your specific needs.

Characteristics

Tension cord:	polyester tension cord
Coating:	inner and outer chloroprene layer
Minimum pulley diameter:	15 mm
Stretch:	< 0.7 % (300 N/10 mm belt width)
Contact surface:	ground
Electr. conductive:	yes (based on ISO 9563)
Ozone resistance:	good
Oil resistance:	good
Temperature resistance:	-30°C to +90°C
Belt height:	1.6 mm +/- 0.15 mm
Belt length:	610-3480 mm +/- 0.5 %
Belt width:	from 5 mm +/- 0.5 mm
Sleeve widths:	440 mm or 560 mm +/- 10 mm (depending on dimensions)
Special tolerances:	on request

Advantages

- Long-lasting performance thanks to optimised design
- Low elongation values, high tear strength
- Reliable even with very small bending radii and frequent bending cycles
- Seamless design ensures minimal noise
- Extremely smooth running thanks to ground surface on one side

Types of use

For small to medium-sized drives with crowned pulleys and high speeds

Applications

- Compressors
- Conveyor systems
- Textile machines
- Machine tools
- Industrial and agricultural applications

optibelt OPTIMAX HF2
in cross section

