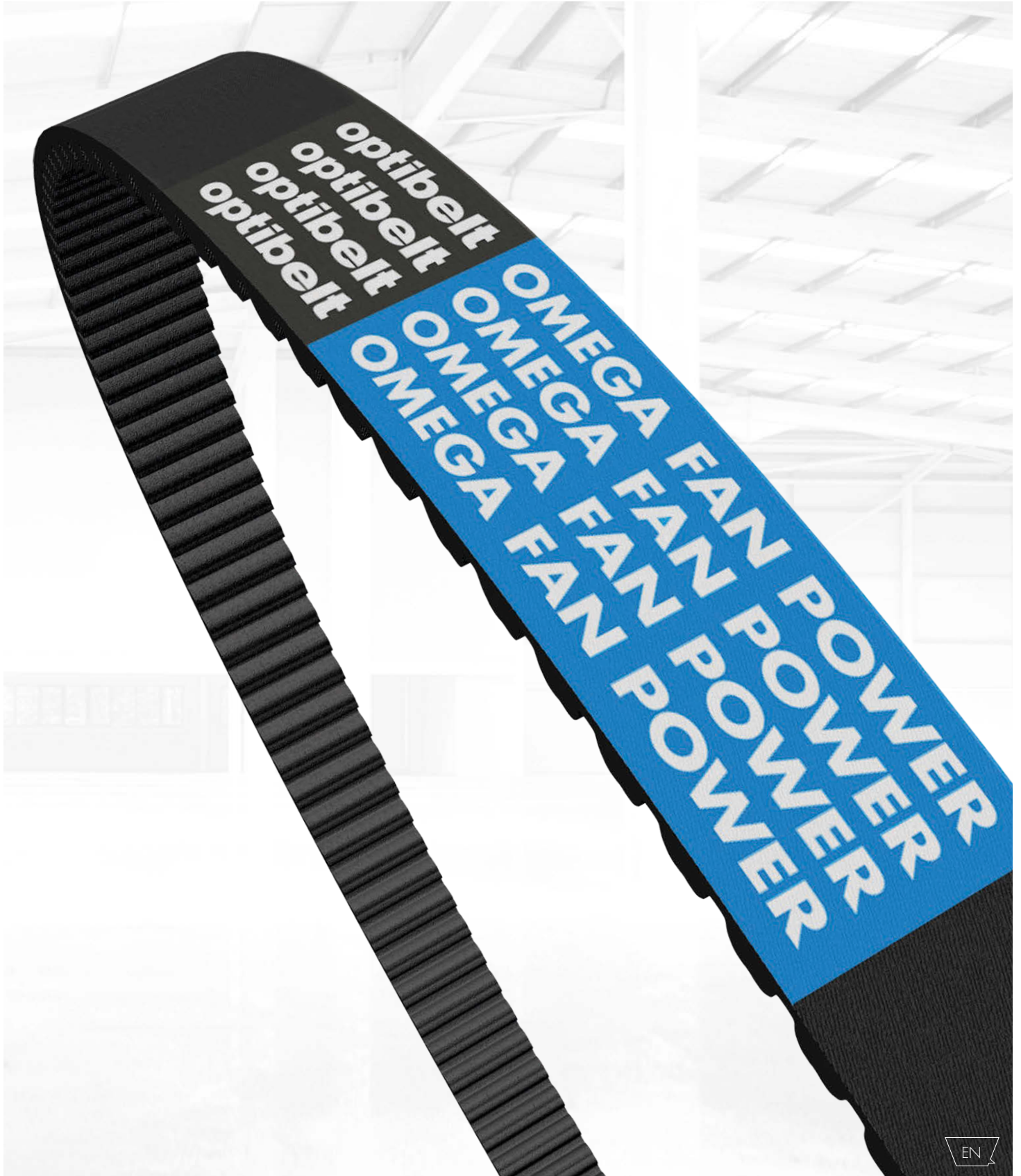




**POWER TRANSMISSION**

**optibelt OMEGA FAN POWER**



# optibelt OMEGA FAN POWER

## HIGH PERFORMANCE TIMING BELTS



The requirements placed upon fan drives in the oil industry are high. The following product characteristics are expected: long service life, maintenance-free, high level of power transmission and antistatic behaviour in accordance with ISO 9563, non-sensitive to external influences such as temperature fluctuations and moisture.

The special tooth form and the use of particularly resistant materials ensure that **optibelt OMEGA FAN POWER** fulfils these fan drive requirements without compromise.

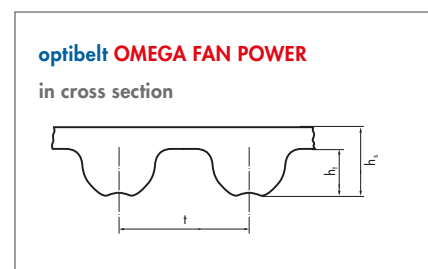


ADVANTAGES
<ul style="list-style-type: none"> <li>• audibly lower noise levels</li> <li>• wear-resistant</li> <li>• long life</li> <li>• antistatic in accordance with ISO 9563</li> <li>• for HTD and RPP pulleys</li> <li>• maintenance-free</li> </ul>

EXECUTIONS
<p><b>optibelt OMEGA FAN POWER</b> Temperature application range -30°C to +100°C</p>
<p><b>optibelt OMEGA FAN POWER EPDM</b> Extended temperature application range -40°C to +140°C</p>

DIMENSIONS
8MFP 960–3048 mm
14MFP 1400–4578 mm
Further dimensions on request

PROFILE	8MFP	14MFP
t [mm]	8.0	14.0
h <sub>s</sub> [mm]	5.4	9.5
h <sub>i</sub> [mm]	3.2	5.6



**TIMING BELT PULLEYS**

optibelt OMEGA timing belts run in standard HTD and RPP pulleys.

# TIMING BELTS FOR FAN DRIVES



## IN WORLDWIDE USE

As an experienced specialist in the area of ventilator and compressor technology, Optibelt has the ideal drive solution for even the most extreme requirements. Optibelt's maintenance-free, high performance belts are highly valued for their reliability and efficiency, which guarantee optimal productivity.

## PRODUCT DESCRIPTION

### TOP LAYER

A durable and flexible top layer protects the main body of the belt. The polychloroprene top surface is reinforced with aramid fibres with a degree of resistance to mineral oils and humidity, as well as protection against wear and tear due to friction.

### TENSION CORD

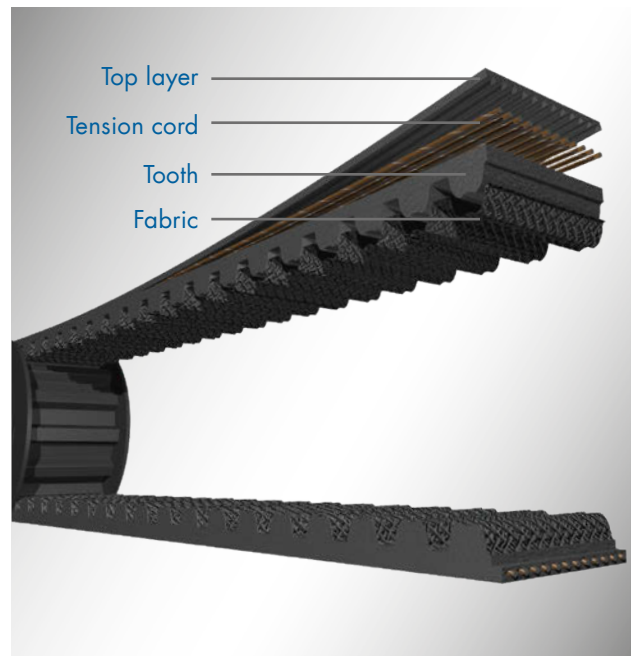
The tension cords are reinforced pairs of counter twisted glass fibres. These tension cords have very high tensile strength, very high flexibility and minimal stretch.

### TEETH

The teeth consist of a new compound reinforced with aramid fibres, which guarantee high shear strength. They are shaped and exactly spaced in such a way that they mesh perfectly with the pulley grooves with minimal friction. The dimple in the tooth guarantees quiet running.

### FABRIC

The specially developed polyamide fabric stands out due to its extraordinarily low frictional coefficient and its low noise characteristics. It also protects the teeth from early wear and tear and prevents tooth shear.



**Optibelt GmbH**

Corveyer Allee 15  
37671 Höxter  
GERMANY

T +49 5271 621  
F +49 5271 976200  
E [info@optibelt.com](mailto:info@optibelt.com)



[www.optibelt.com](http://www.optibelt.com)