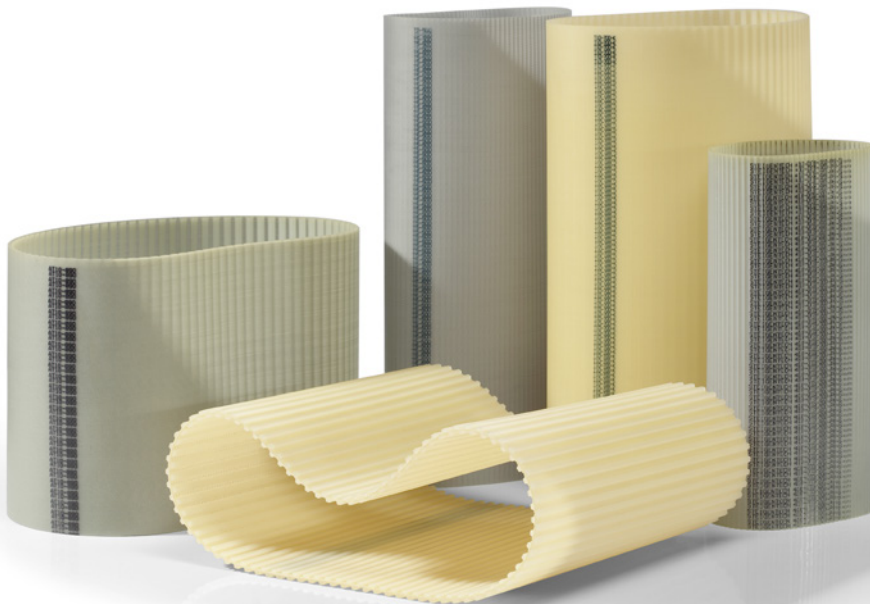


STEIGENTECH

POWERPLUS™

PU TIMING BELT

UP TO 30% BETTER WEAR-RESISTANCE AND STRENGTH



PREMIUM IN EVERY WAY EXCEPT PRICE

HIGH-GRADE PU WITH GRADED STEEL CORDS FOR IMPROVED DIMENSIONAL STABILITY

With excellent abrasion- and shear-resistance, Steigentech POWERPLUS™ PU Timing Belts offer high strength and tractive resistance. Incorporating a variety of graded steel cords in the PU construction results in a belt with better elasticity and higher flexibility. Long-lasting performance, strength and accuracy combine in a belt that can also be tailored to specific application requirements. Also available with aramid or polyester cords for special applications, such as non-magnetic, water-exposed and high flexible drives.

Extreme quality stability

Produced using an advanced thermoset moulding process, Steigentech POWERPLUS™ PU Timing Belts deliver peace of mind through repeatability and consistency of quality. The specially-developed precision-moulding endless-PU-process ensures high pitch precision across the entire belt. Exact replication of fine contours makes this process particularly suitable for small pitches.

industries, Steigentech POWERPLUS™ PU Timing Belts are resistant to oil and extremely durable. In tests, they outperformed equivalent competitive products by up to 30% in wear resistance and strength. With a temperature range of -30 °C to +80 °C, the Steigentech POWERPLUS™ PU Timing Belt can operate at a sustained peak of up to 110 °C.

International Standards

- Manufactured to DIN/ISO 5296 Parts 1&2 / IP24 RMA-MPTA (Imperial) and DIN 7721 - ISO 13050/IP27 RMA-MPTA (Metric)
- Non static conductive
- Maximum oil and ozone resistance
- Heat resistant, support flex fatigue
- Meets RoHs and REACH requirements.

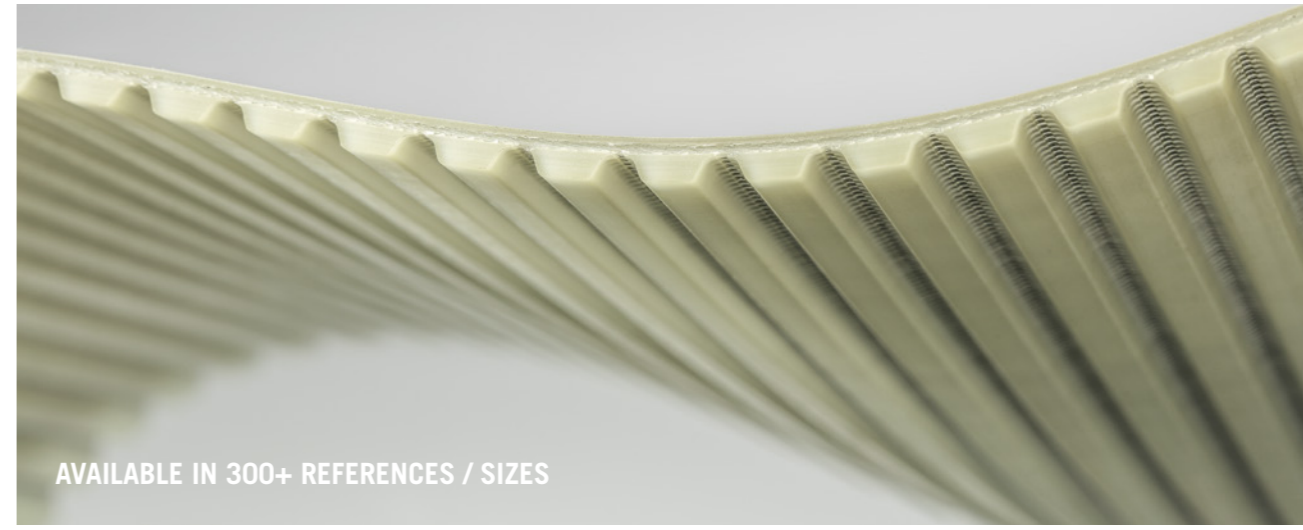
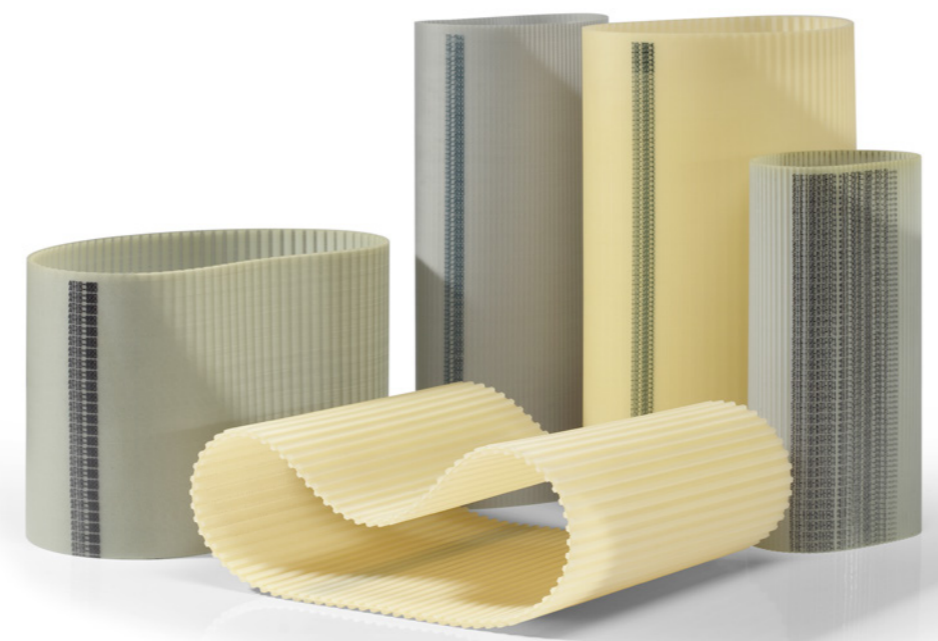


High strength steel cord construction

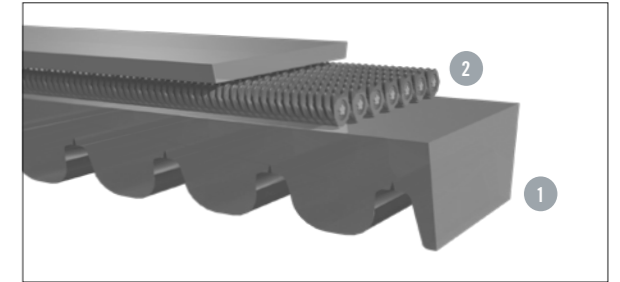
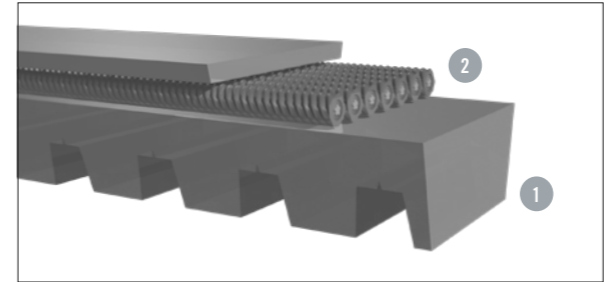
Heliocoidal tension cords are embedded in the high-grade mixed thermoset polyurethane compound. They deliver an extremely high breaking load with low elongation, resulting in high transmission power consistently across the application. This also ensures that Steigentech POWERPLUS™ PU Timing Belts are maintenance-free.

Better wear- and temperature-resistance

A cleaner alternative to rubber timing belts for applications including the food and robotics



AVAILABLE IN 300+ REFERENCES / SIZES

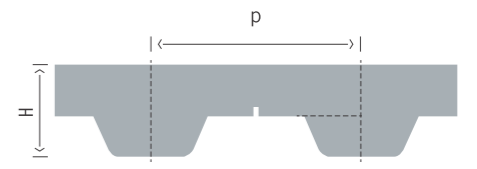


Layer 1: POLYURETHANE BODY

High-grade mixed thermoset polyurethane compound delivers a range of benefits. Exceptional dimensional stability and rigidity with excellent abrasion resistance. Provides excellent resistance to wear, fatigue and environmental conditions.

Layer 2: TENSILE CORD

Encapsulated within the polyurethane layers, steel wires form a tensile cord that delivers an extremely high breaking load, with low elongation to reach high transmission power.

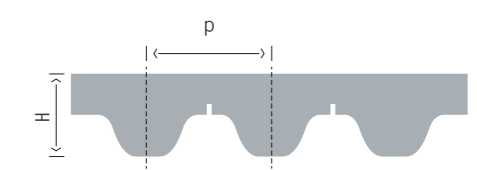


Imperial Classical Trapezoidal Tooth

- Profiles H, L, MXL, and XL
- Manufactured to DIN/ISO 5296 Part 1 & 2, IP24 RMA-MPTA

Metric Classical Trapezoidal Tooth

- Profiles T2.5, DT2.5, AT5, T5, TA5, T10, DT10 & AT10
- Manufactured to DIN 7721, ISO 13050, IP27 RMA-MPTA



Curvilinear Tooth

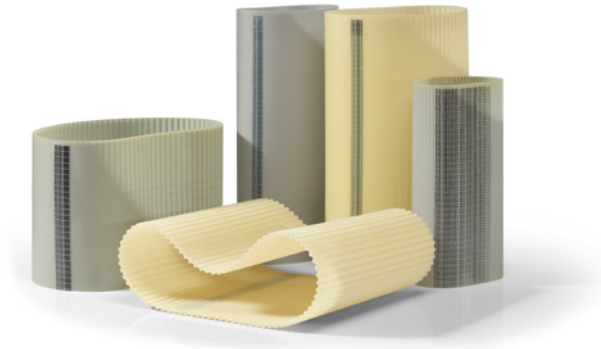
- Profiles 2M, 3M, 5M, 8M, S2M, S3M, & S5M
- Manufactured to DIN 7721, ISO 13050, IP27 RMA-MPTA.

APPLICATIONS

Particularly suited to applications where smooth running at high speeds is required.

- Office automation
- Medical technical equipment
- Banking / ATM machines
- Vending machines
- Machine tools
- Woodworking equipment
- Printing / packaging equipment
- 3D printing.

SWITCH > TO TRUE QUALITY AND REAL VALUE



WORLDWIDE OFFICES

STEIGENTECH EUROPE

1 Rue de La Haye Le Dôme BP 12910
95731 Paris Roissy CDG Cedex
FRANCE
+33 49 19 49 43
info@steigentech.com
www.steigentech.com

STEIGENTECH POWER TRANSMISSION UK LTD

21-24 Regal Road
PE13 2RQ Wisbech - Cambridgeshire
UNITED KINGDOM
+44 1945 468602
sales@steigentech.co.uk
www.steigentech.com

STEIGENTECH IBERIA

Rua Dr. Eduardo Santos Silva, 261 B2
4200-283 Porto
PORTUGAL
+351 220 942 672
sales.iberia@steigentech.com
www.steigentech.pt

STEIGENTECH ITALY

VICENZA OFFICE

Via dell'Economia, 131
36100 Vicenza (VI)
ITALY

+39 0444 990990

BRANCH OF SCHIO

Via Lago di Lugano, 28 (Z.I.)
36015 Schio (VI)
ITALY

+39 0445 575333

info@steigentech-italy.it
www.steigentech-italy.it

STEIGENTECH GERMANY

Richtbergstrasse 9
97493 Bergtheinfeld
GERMANY
+49 9721 479899-0
info@steigentech.de
www.steigentech.de

STEIGENTECH EE S.R.O. SLOVAKIA

Pohronská 403/5
83103 Bratislava
SLOVAKIA
+421 907 441 982
lipka@steigentech.sk
www.steigentech.sk

STEIGENTECH ARGENTINA

Primera Junta 1874
7600 Mar del Plata
ARGENTINA
+54 223 495 2636
dario.taha@steigentech.com
www.steigentech.com

STEIGENTECH VIETNAM

No. 68/4, TL29 Street, Thanh Loc Wrd
District No.12, Ho Chi Minh City
VIETNAM
+84 906 260 403
long.lehuy@steigentech.com
www.steigentech.com

STEIGENTECH MIDDLE EAST

Goldcrest Executive Tower, Office N° 5,
10th Floor, 9867 Dubai
UNITED ARAB EMIRATES
+971 4 422 1345
sales@steigentech.ae
www.steigentech.com

STEIGENTECH INDIA

Plot No 11, Shed No 46/3 Phase II,
IDA Cherlapally Hyderabad, 500051 Telangana 36
INDIA
+91 77 454 534
neil.stephenson@steigentech.com
www.steigentech.com

STEIGENTECH CHINA

RM 15B5, Harvest Building, No 585 Longhuaxi Road,
Xuhui district, 200232 Shanghai
CHINA
+86 21 6469 7941
johnny.ho@steigentech.com
www.steigentech.com

STEIGENTECH HONG KONG

THE DISTRIBUTION GROUP

Suite 2611, Langham Place Office Tower,
8 Argyle Street, Mong Kok Kowloon
HONG KONG
+852 2781 3017
tdg@ebclub.org
www.steigentech.com

Your Distributor

