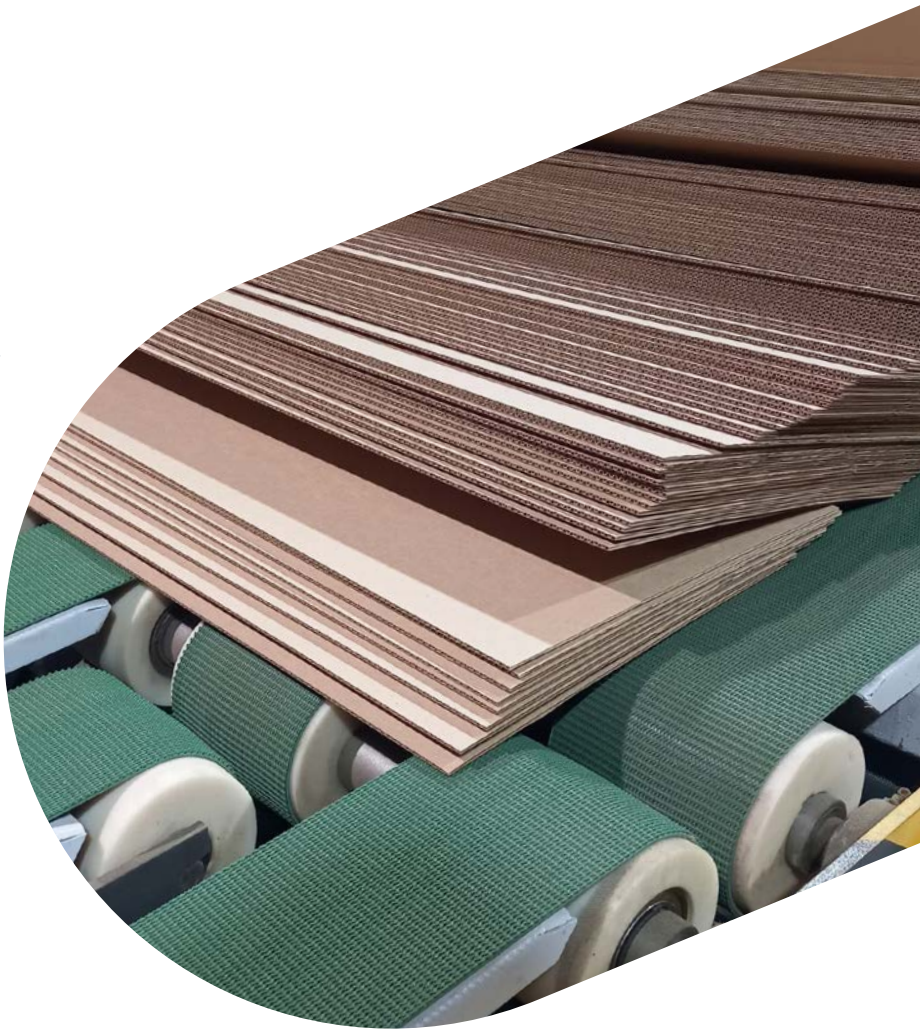
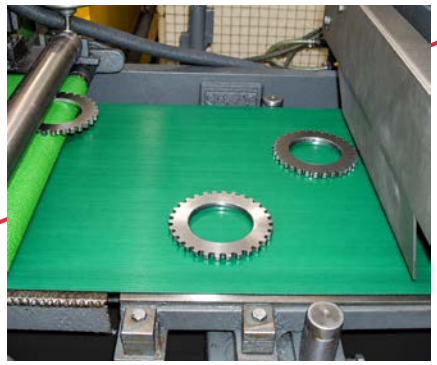
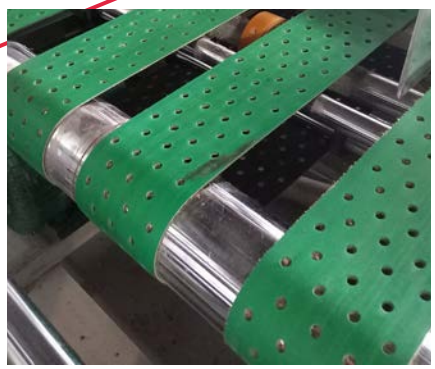
Hipro
Series

High-performance HPVC conveyor belts.

Abrasion and mineral oil resistance for demanding industrial processes.







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Hipro Series

HPVC belts combining the advantages of conveyor belts and power transmission belts.

High performance in demanding conditions

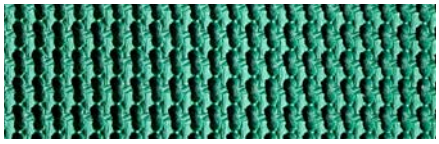
The Hipro Series combines the abrasion resistance of power transmission belts with the versatility of conveyor belts, offering wide widths, mineral oil resistance and fusion splicing.

Its high-performance PVC (HPVC) cover is designed for applications involving abrasive materials and mineral oils. Its high wear and fatigue resistance promote smooth, continuous operation, while the conductive bottom fabric helps dissipate electrostatic charges.

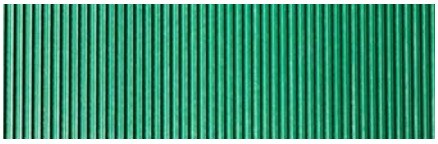
Hipro offers a versatile solution for applications in the paper and cardboard, printing and wood industries, and for conveying sheet metal.

Hipro 18Y1R for wood panels

Pattern Y1



Pattern G



Pattern Q

Advantages

Continuous production

Flexibility, wear resistance and fatigue resistance ensure smooth, continuous operation.

Exceptional durability

Longer service life than conventional PVC or elastomer belts, with wear up to three times lower than equivalent products on the market.

Fusion splicing

The thermoplastic material allows fast, flexible and fatigue-resistant splices.

Process-specific surfaces

Fabric patterns (Y1) and grip patterns (G and Q), with a rigid weft for industrial conveying and processing.

esbelt® Hipro Series: wear resistance and reliability for industrial conveying and processing.

Properties

Antistatic

Comply with ISO 284 and help prevent the build-up of static electricity and dust.

Conductive bottom cover

Conductive resin impregnation to help dissipate electrical charges.

Rigid weft construction

Range of 2 to 3 plies, with thicknesses from 2.2 to 6.5 mm.

Mineral oil resistance

Cover resistant to hydrocarbons, greases and mineral oils.

Abrasion resistance

HPVC protects against wear when conveying abrasive materials.

Low noise fabric

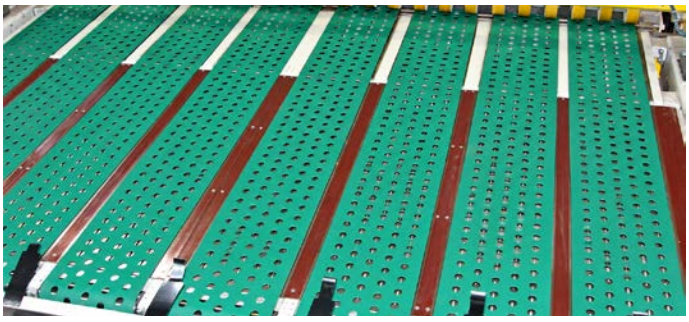
Low friction on the bottom cover for smooth running at high speeds.

Sectors and processes

Conveying and processing applications:

- **Corrugated cardboard:** conveying and traction on production lines.
- **Paper and printing:** newspaper conveying and printing with perforated belts.
- **Wood:** processing chipboard and MDF panels.
- **Metal:** conveying parts and sheets, including magnetic elevator systems.
- **Tyre manufacturing:** conveying uncured rubber.
- **Ceramic floor tile manufacturing.**

Hipro 18Y1R for metal parts



Perforated Hipro belts for printing processes

Hipro 12Y1R for newspaper conveying

H12QR for automotive applications

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With subsidiaries in the USA, France, Germany, and Denmark, we deliver direct service to key markets.

We have a **network of distributors with workshops on five continents**. This allows us to offer proximity, specialized support, and responsive service anywhere in the world.

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Consult the general esbelt® product catalog

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