

# HySAN, the new highly oil-resistant food PVC belts by Habasit

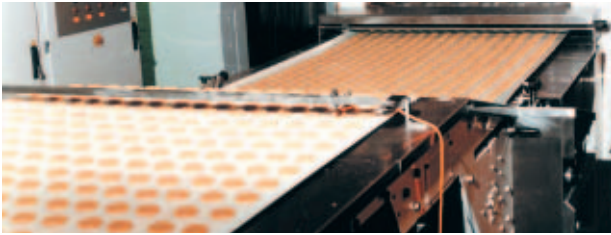


Our products are constantly evolving with the demands of our customers. In order to analyze the belts in different environmental conditions, we simulate different sets of chemical, thermal and mechanical parameters.



# Habasit – Full-range belting supplier for the food industry

**Your business:**



Your business will run more smoothly with the right belts. Habasit HySAN belts perfectly match the needs of food processes involving oily, fatty, and wet conditions.



Despite a diversified range of applications and processes, industrial food processing has common requirements. Habasit conducts ongoing analyses with customers to define the right belt features that can cope with these requirements.



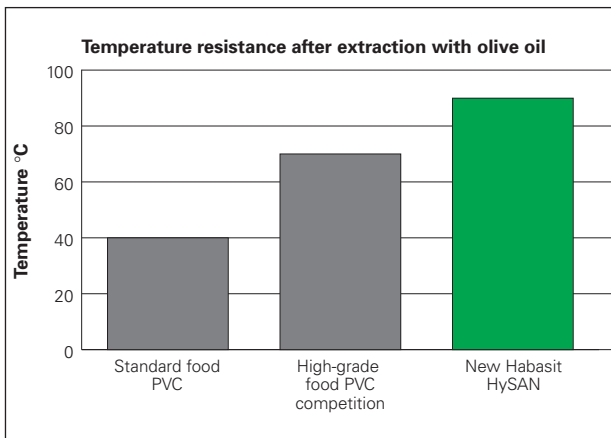
In our laboratories, we simulated your application conditions and found a new PVC compound which is ideally suitable for oily and high temperature environment conditions.

Habasit is your solution provider!

# The new HySAN coating



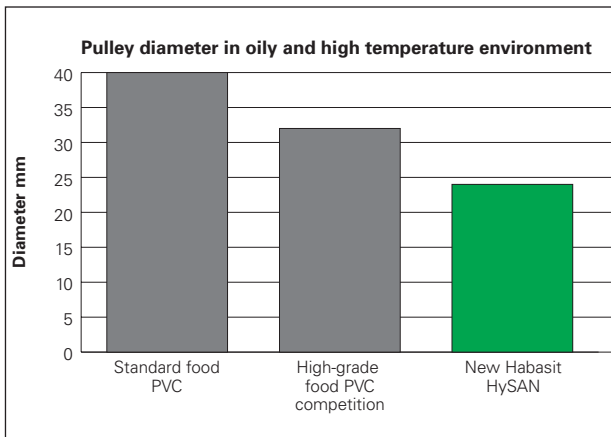
Typical PVC-coated conveyor belt in a meat processing line: Extraction of plasticizer leads to severe cracking – a major hygiene risk



**Laboratory tests of the new HySAN belts confirmed their superiority in comparison with standard food PVC belts and competitors' high-grade PVC belts (both similar constructions).**

#### Temperature resistance in oily conditions

- Broad temperature tolerance (-10 °C/ +90 °C) for a wide range of applications
- Full compliance with food regulations (FDA, USDA, EU)



#### Improved service life

- HySAN negotiates smaller pulley diameter at elevated temperatures
- HySAN features higher abrasion resistance

**HySAN belts are available in various constructions, colors, and thicknesses**

**Our product: microscopic picture after dynamic wear and tear test – and olive oil treatment**

#### Competitor: high-grade food PVC belts

- Severe cracks
- Wrinkles

#### Habasit HySAN belts

- No cracks
- No wrinkles

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