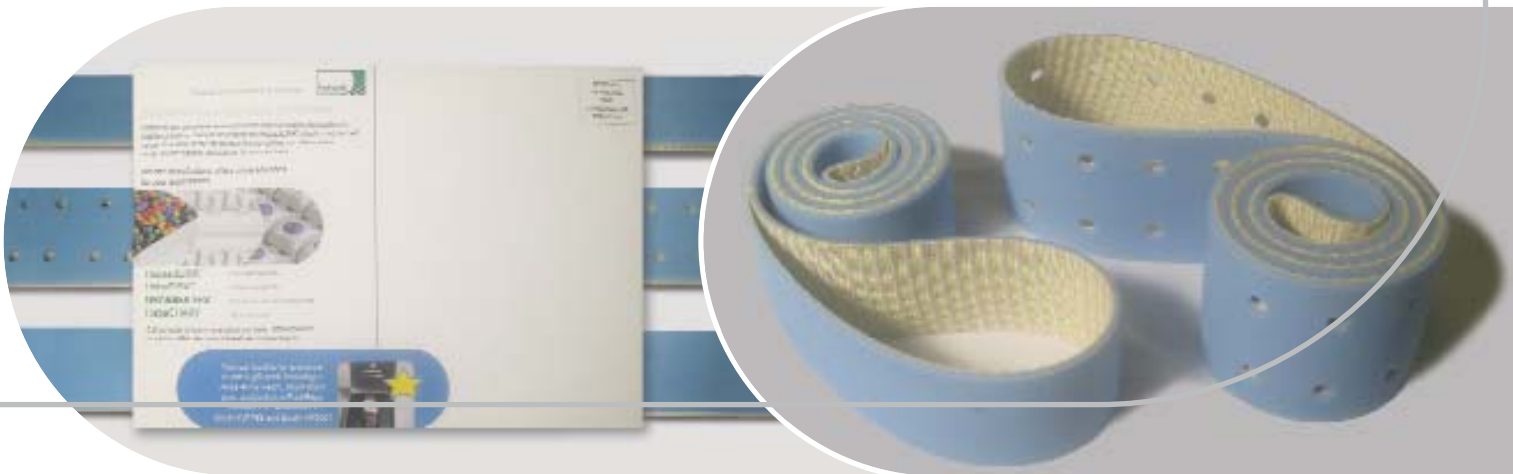


## Seamless Silicone Belt

The belt with truly endless benefits:

- No splice failure
- Precise dimensions available for tight tolerance applications
- Modifications, such as holes for vacuum conveying

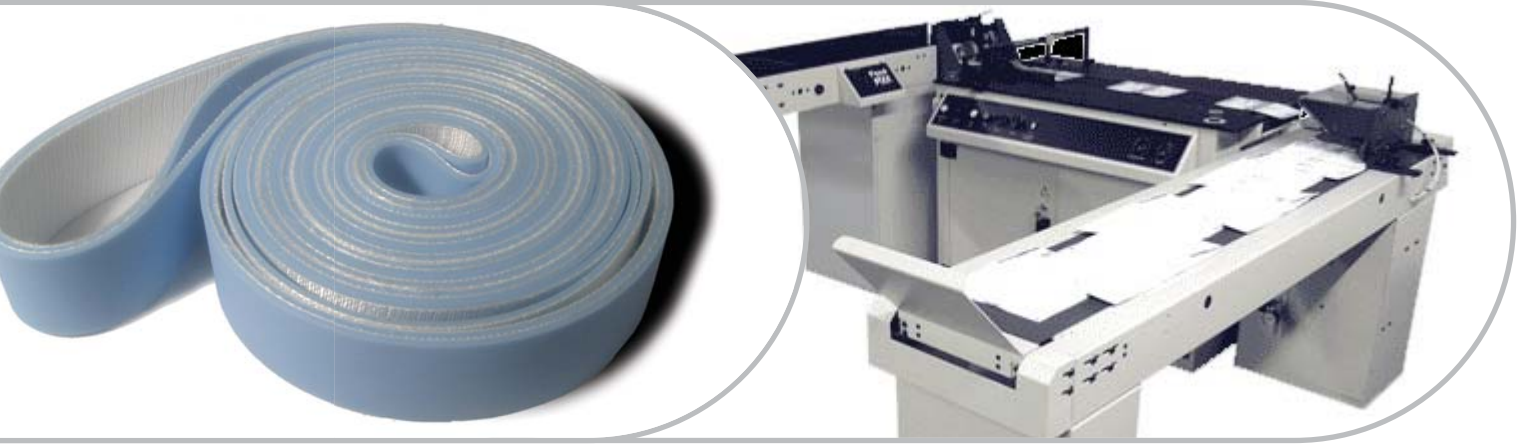


Habasit, the leader in seamless belt manufacturing, has developed a new line of belts that provides increased performance and longer belt life for applications where temperature resistance and special product handling characteristics are needed.

DuraTherm Blue and DuraTherm Max have been developed for general transport applications where both hot and cold temperature extremes can be found. Additionally these new seamless silicone coated belts are perfect for applications where ease of release is needed between the material conveyed and the belt conveying surface.

Habasit engineers developed this new generation of silicone seamless belts for the elimination of joint failure and belt stretch. As an added benefit, it can improve conveying performance where environmental extremes exist or sticky materials are conveyed.

# Seamless Silicone DuraTherm Belts



These truly endless belts are made with silicone and reinforced with seamless polyester or aramide cords to deliver:

- Excellent release properties
- High temperature resistance
- Abrasion resistance covers

Applications for DuraTherm include:

- Bag sealing
- Heat sealing
- Shrink tunnels
- UV drying
- Infrared drying
- Ink drying

DuraTherm belts are available in the following dimensions:

- Length 1400mm to 3850mm (55" to 152")
- Width 12.5mm to 255mm (0.5 to 10.0")
- Nominal thickness 1.9mm (0.075")

	Cord Construction	Color	Temperature Range
Duratherm Blue	Seamless polyester	Blue	-60 to 350°F (-50 to 176°C)
DuraTherm Max	Seamless aramide	Blue	-60 to 550°F (-50 to 275°C)

## Characteristics:

- Low friction fabric pulley side and ground smooth silicone surface on the conveying side
- Aramid DuraTherm Max k1% shaftload – 33 n/mm endless form (190 lbs/in)  
Polyester Duratherm Blue k1% shaftload – 14 n/mm endless form (75 lbs/in)
- Maximum recommended elongation – 1%\*
- Minimum pulley diameter – 20mm (0.75")

*\*Note: Please contact Habasit America application engineering to discuss applications where specifications required fall outside of standard dimension offerings.*

## Habasit America

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