

Polyurethane Coated Belts

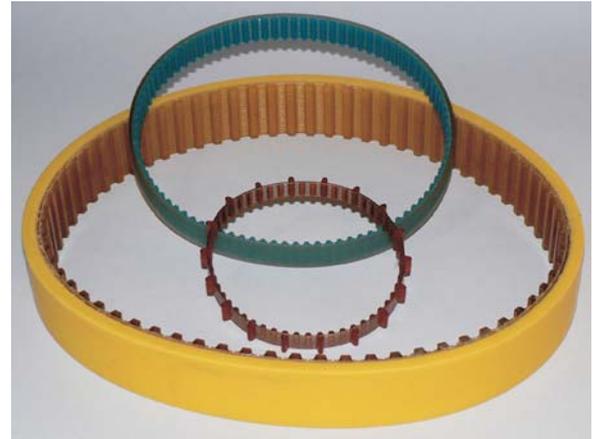
Silicon Coated Belts

Moulded & Fabricated Belts

F.D.A. Belts (for food processing)

Silicon Belts (for high temperature)

Belts for Meat Handling



BERVINA manufactures endless polyurethane timing belts for special applications. The belts have special coatings and reinforcing to suit specific transmission applications. The belts are one piece moulded and are formed using centrifugal casting process and high performance polyurethane. The belts have embedded steel, Kevlar, polyester, stainless steel or glass fibre reinforcing.

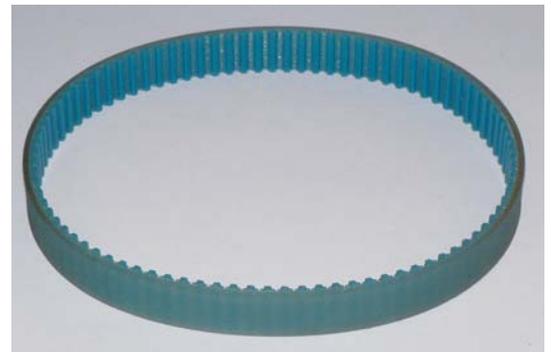
The belts are usually used with linear drives in applications like packaging, sorting, forming, materials handling and positioning. They are often used in food packaging and assembly machines.

Specifications and sizes are constantly changing and it is possible to supply custom made belts for unusual applications. Belts are available in both Metric and Imperial standards, depending on type.

POLYURETHANE COATED BELTS

A polyurethane cover is moulded onto a base belt providing a tough outer coating. The coating thickness is usually 6mm. These belts are often used in pulling and gripping applications.

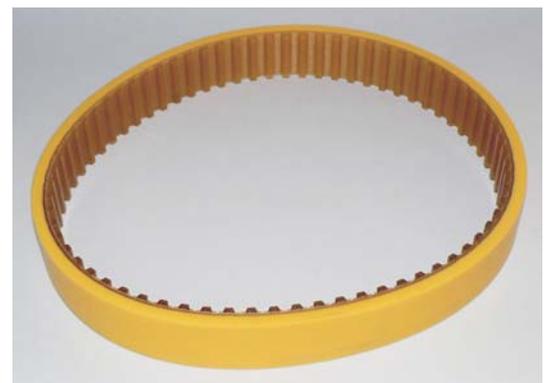
Maximum belt length: 1200mm
Cover hardness: 40 to 95 ShA
Maximum sleeve width: 100 to 210mm (*depending on belt*)



SILICON COATED BELTS

A silicon coating is moulded onto a base belt. This provides high friction (for linear feeding), long life, good abrasion and chemical resistance and easy cleaning. Thermal conductivity is also low. Coating thickness usually 6mm.

Maximum belt length: 1200mm in T10
Maximum belt width: 50mm
Belt Profile: T10



MOULDED AND FABRICATED BELTS

These belts are moulded with cleats or with sections of teeth removed. They are usually used in materials handling applications. Sections of teeth can also be removed for tracking.

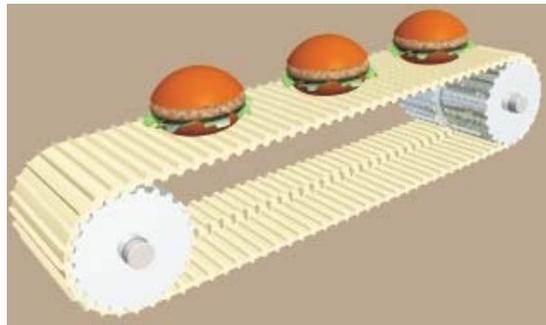
Maximum belt length: 1200mm
Sleeve width: 100 to 210mm (depending on belt)
Profiles: AT3, AT5, K, T2, T2.5, T5, M, XL
Reinforcing: Kevlar, stainless steel



F.D.A. BELTS (food processing)

These belts are manufactured to FDA approval from high quality polyurethane. They are designed for machines where the belt contacts food or pharmaceutical products. To ensure hygiene is maintained, no reinforcing fibres are exposed.

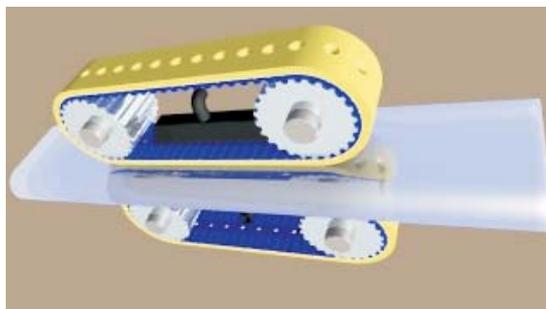
Maximum belt length: 1500mm
Maximum sleeve width: 100 to 210mm (depending on belt)
Reinforcing: Kevlar, INOX or glass fibre



VACUUM BELTS

Polyurethane or silicon coated belts can be manufactured with holes to allow a vacuum to be applied to lift and move small products.

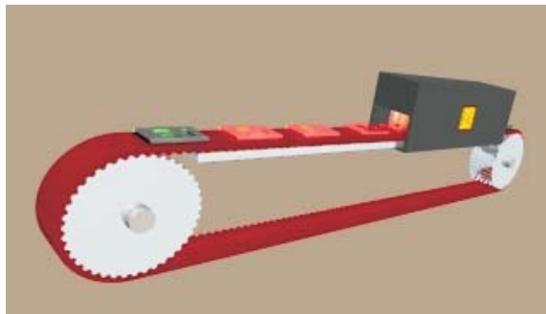
Maximum belt length: 1200mm
Cover hardness: 40 to 95 ShA
Maximum sleeve width: 100 to 210mm (depending on belt)



HIGH TEMPERATURE BELTS

These belts use a silicon compound instead of polyurethane and as a result can withstand high temperatures in cooking and heat treatment processes. Maximum temperature 170°C.

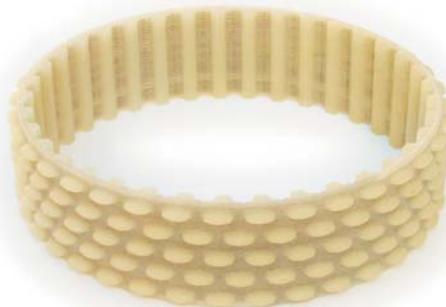
Maximum belt length: 1500mm
Hardness: 65ShA to 88 ShA for 20° to 170° C
Reinforcing: steel, Kevlar, glass fibre
Profiles: AT3, AT5, K, T2, T2.5, T5, M, XL



MEAT HANDLING BELTS

This polyurethane moulded belt is designed specifically for moving meat products. It has FDA approval, stainless steel reinforcing and is designed for long life.

Belt dimensions: T10, 32mm wide, 370mm long
Hardness: 80 ShA @ 20°C



Continuous development may necessitate changes in specifications without notice.

AUTOMATED MOTION SYSTEMS PTY.LTD.

MAILING ADDRESS:
P.O.BOX 1240
WANGARA DC
W.A. 6947

PHONE: (08) 9309 1896
FAX: (08) 9309 5671
EMAIL: sales@automotsys.com.au
INTERNET: <http://www.automotsys.com.au>

OFFICE ADDRESS:
UNIT 2, 7 BARETTA RD.
WANGARA, PERTH
WESTERN AUSTRALIA