



SPECIALTY BELT PRODUCT GUIDE



MEGADYNE

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Megadyne, Megadyne, head quartered in Mathi, Italy, is a global manufacturer of rubber and polyurethane belts , with ancillary components. Commonly used in power transmission, product handling and linear positioning applications.

Founded in 1957, Megadyne developed cast polyurethane timing belts and soon afterwards extruded urethane timing belts came online. The company then entered into the rubber power transmission and conveyor belt sectors. Today Megadyne products are manufactured globally, used in all corners of the world and recognised to be world leaders.

The product range of Specialty Belts has become a crucially important part in the world of Megadyne. For more than 20 years, we have developed various Specialty Belts for our customers and have constantly expanded our production range and capabilities. In 2013, we invested in a new modern plant with > 2.000 m² in Elchingen, Germany, to create a production and technology centre for Specialty Belts to fulfil the varied requirements from varied market sectors.

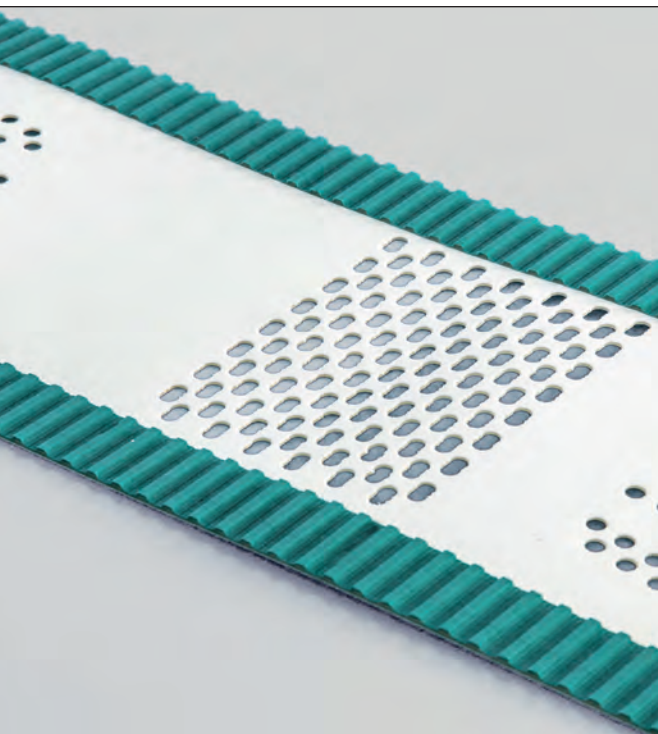
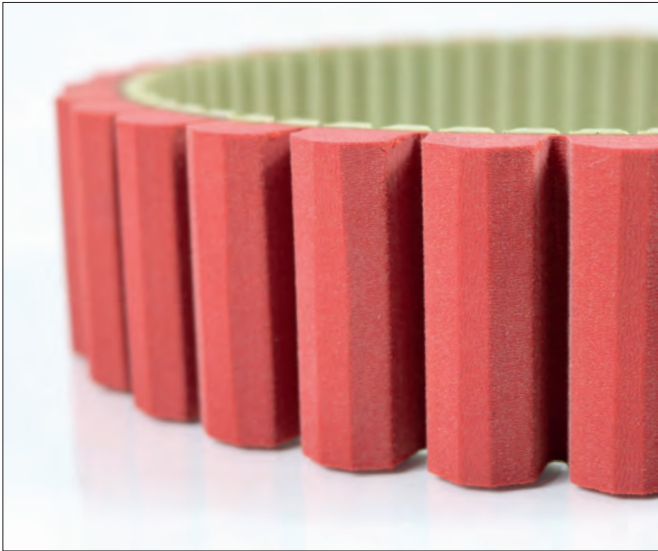
In 2014 Megadyne Group acquired Belt Corporation of America, located in Cumming GA. This acquisition enabled Megadyne, to expand its global position in the Specialty Belt product field.

In 2017 the Megadyne Group, expanded its global footprint with the acquisition of SACIF, a specialty provider of fabricated belts and the creator of Hybrid belts, designed for synchronised movement handling applications.

Today, we can provide our customers with the bespoke Specialty Belt solutions for their applications. Starting with a broad range of belt produced by Megadyne at worldwide plants, we can vertically integrate these products with our specialty belt manufacturing processes and materials to create covers, cleated belts and other design features, that address the specific demands of your application. The real strength of our Specialty Belt business, starts with our experienced and knowledgeable people. They understand the materials and application requirements. Utilising three modern manufacturing plants, as well as belt manufacturing processes that include, moulding, co extrusions, lamination, spin casting, special coverings and fabrication.

All this added together provides us with the ability to configure and build the right belt to perform to your specific requirements. Inside this Product Guide, you will find an overview of our varied materials and processes that we can offer. Whether you are an engineer starting a new project or a distributor working with an end user searching for efficiency or better belt performance, we can help.

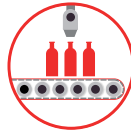
Contact your local Megadyne office to learn more about us. We would be very happy to meet with you and discuss your needs.



INDUSTRIES SERVED



PACKAGING

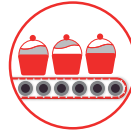


Megadyne's portfolio of synchronous and nonsynchronous belts, include special covering materials, cleated belts, machined modifications and other fabrications, play a key role in delivering solutions for the packaging industry.

- Carton forming/box erecting/ box closing
- Filling lines
- Blow moulding machines
- Capping lines
- Carton lines
- Check weighing
- Feed lines
- Form, Fill and Seal
- Wrapping and Sealing
- Labeling



FOOD

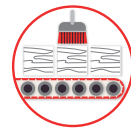


Belts offering high speed and precision handling performance with FDA and USDA materials, designed for use where positioning, segmentation and placement of product is important.

- Meat Slicing
- Inspection Line
- Vertical Form Fill and Seal
- Horizontal Form Fill and Seal
- General Conveying
- Sausage Belts



CERAMIC, GLASS, BRICK & STONE



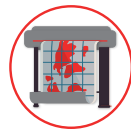
Belts offering high friction and excellent wear resistance. Megadyne offers elastomer and rubber materials that can be applied to your application. Cover modifications to assist in product handling, such as holes and angular or

lateral machining are commonly used in this segment.

- Grinding Machines
- Cutting Lines
- Bevelling Lines
- Drilling Lines
- Polishing Lines
- Tempering Lines
- Sealing Lines



PAPER & PRINT



From a broad range of elastomer options, Megadyne can provide the right combination of substrate and cover materials to yield wear resistance, the right coefficient of friction and anti-static requirements. Modifications such as

holes for slots, counter slots and vacuum draw down are a Megadyne specialty.

- Banking - ATMs, Card Readers, Bill and Coin Changers,
- Money and Check Sorting
- Commercial Printing Equipment
- Binding Equipment
- Mail Handling Equipment
- Collating Machines
- Ticketing Machines
- Newspaper production equipment

MATERIAL HANDLING



Megadyne works with a wide range of materials and employs state of the art manufacturing processes to deliver reliable solutions for your specific product movement need.

- Live roller conveyors
- Cross sorters
- Pallet and transport platform conveyors
- Placement conveyors
- Incline conveyors
- Line conveyors
- Diverters
- Offload, sorting and delivery conveyors
- ASRS systems



ROBOTICS & AUTOMATION

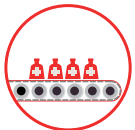


Urethane and rubber high strength synchronous belts are being increasingly incorporated into robotic positioning applications; these commonly include pick and place systems for packaging applications, robotic pharmaceutical delivery systems, robotic swimming pool cleaners, security camera positioning, and automotive assembly welding systems.

- 3D Printing
- Fiber Optics
- CNC XYZ Drives
- Wire Extrusion & Stripping
- Swimming Pool Cleaners
- Security Camera Positioning
- Theatre Lighting Positioning



MEDICAL INDUSTRY

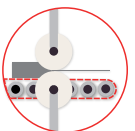


Megadyne offers a number of synchronous and non-synchronous options for both light duty power transmission and product handling applications within the medical industry. From capsule filling, to product inspection, to pill packaging, to equipment instrumentation drives, Megadyne belts can be found.

- Medical Equipment:
 - MRI Tables
 - Blood Centrifuge
- Automated Pharmaceutical Dispensers
- Medical Instrumentation



ALUMINUM EXTRUSION



Our belting products are used in a wide range of applications to ensure materials are transported successfully throughout each stage of aluminium production. Megadyne offers tailored solutions to meet your transport requirements as well as high temperature product handling.

... AND MANY MORE...



Automotive & Tyre



Recycling



Textile



Wood



PRODUCTS EXAMPLE GALLERY

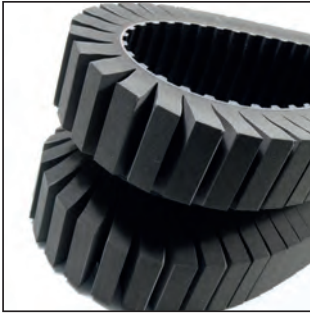
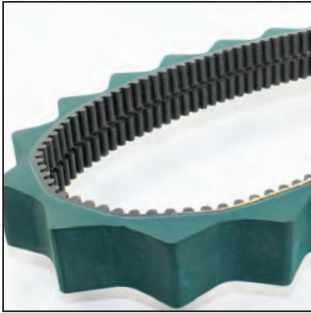
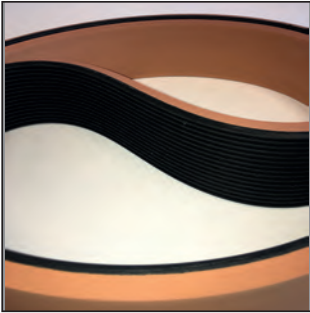
A

B

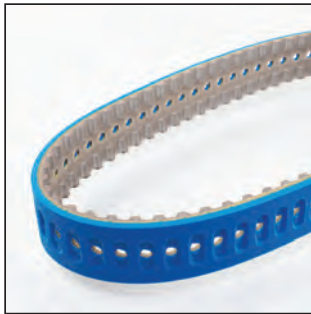
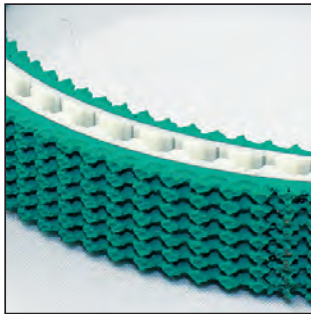
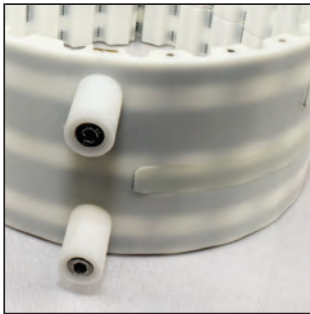
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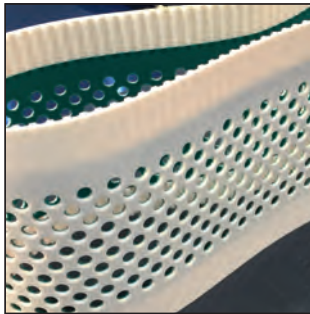
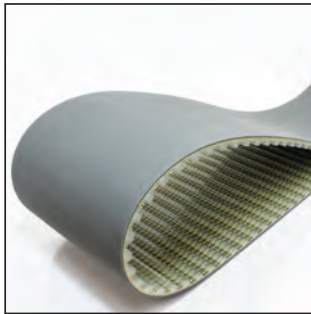
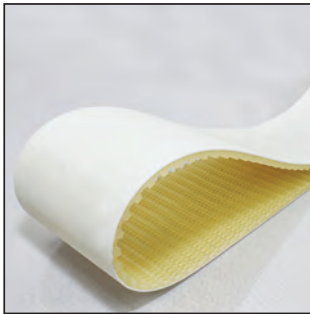
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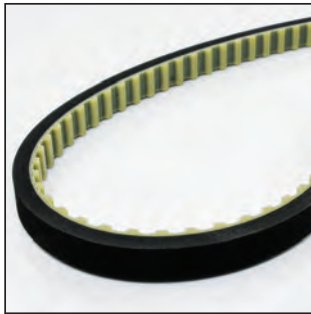
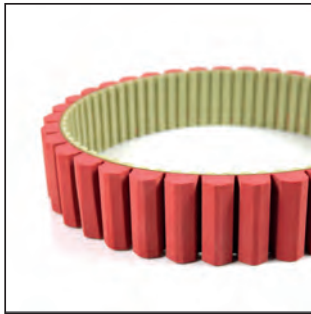
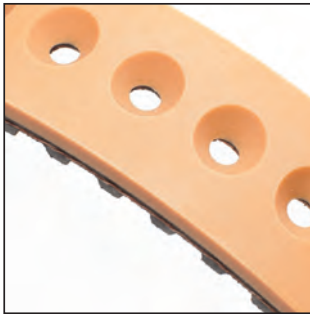
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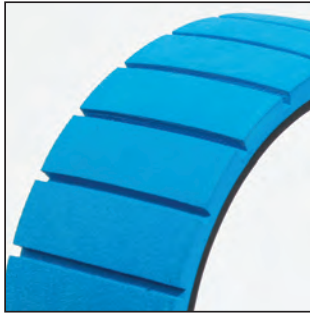
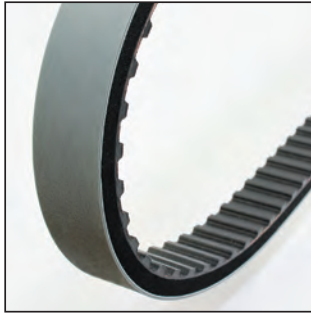
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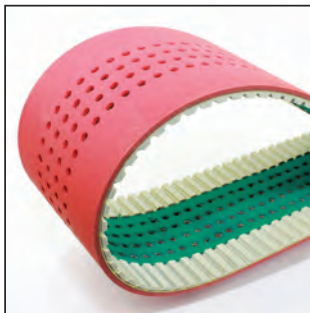
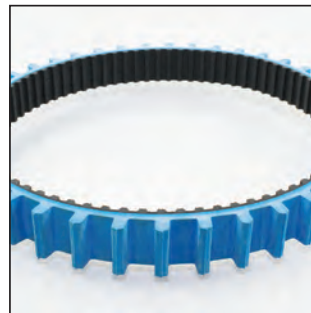
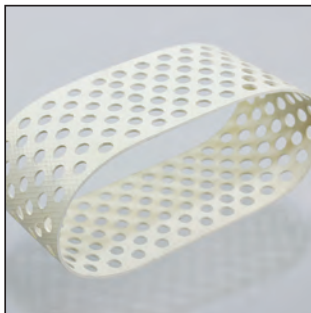
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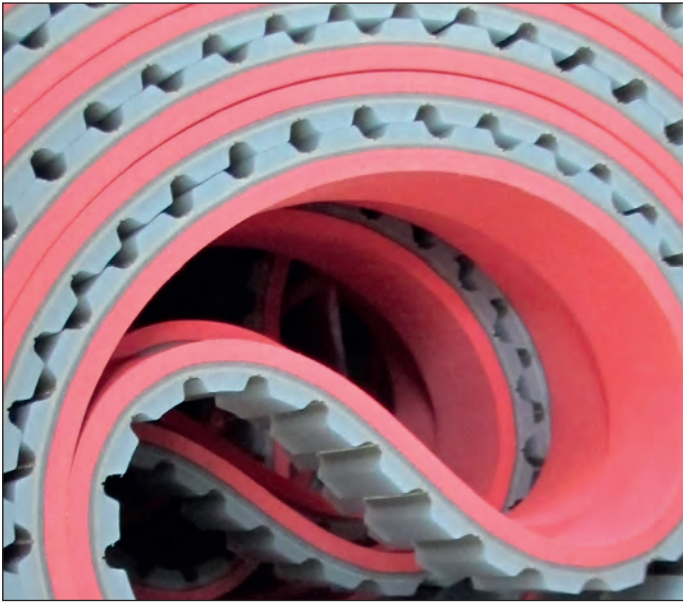


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6





Megadyne offers a variety of polyurethanes, rubbers, foams, PVC 's and other elastomeric covers for synchronous and non-synchronous product handling.

Some cover materials are applied during the production process which results in a truly homogeneous product; others are added later, using different methods including lamination, spraying and adhesive lamination.

The choice of cover material and process used, is dependent on several factors including the application itself, the environment where the belt will operate, how product is placed on the belts and the quantity of belts needed.

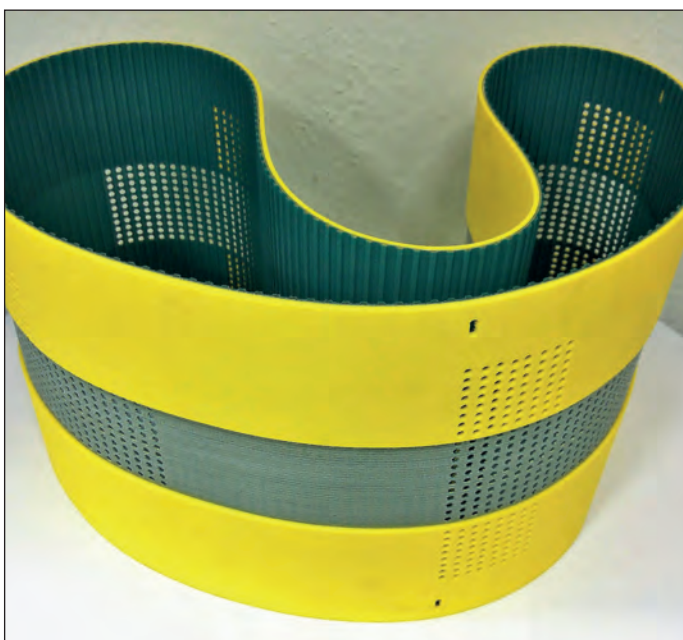
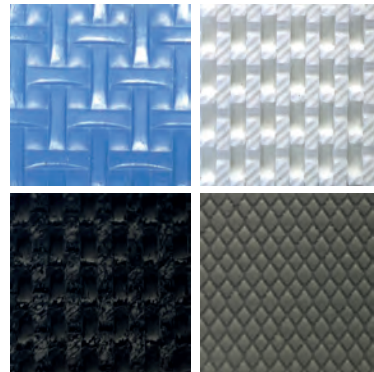
All Specialty belt locations offer a wide range of Megadyne synchronous and non-synchronous substrates that can be covered with the materials listed in the following cover pages. Additionally

Megadyne technical support can assist you in choosing the right cover properties for your specific need. Covers are available for high or very low friction grip, wear and cut resistance, high temperature conveying, easy release, compressibility and shock absorption.



SYNCHRONOUS CONVEYING

Where synchronized conveying is required, Megadyne offers many traditional conveyor belt surfaces such as those shown below which can be added to Megalinear and Megaflex belts.



COVER COLOUR KEY

| | | |
|-------------|-------------------|---------------|
| Orange | Yellow | Blue e FDA |
| Pu Cream | White | Hig Duro Pink |
| Pu Blue | Tan | Dark Gray |
| Gray | Sylomer Blue | Royal Blue |
| Transparent | Transparent Brown | Black |
| Red Grip | Celloflex Tan | Dark Red |
| Red | Dark Green | Brown |
| Mint Green | Blue Anti Glaze | Coral |

COVERS

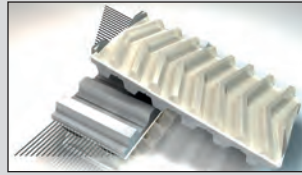
POLYURETHANE (PU)

Please ask our Team for more information about minimum quantity and delivery time.

AVAFC



PU FISHBONE



PU RIBBED

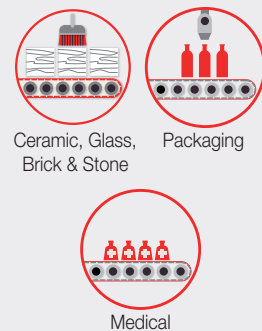
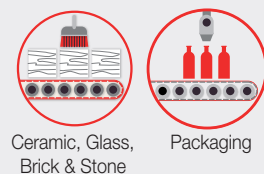
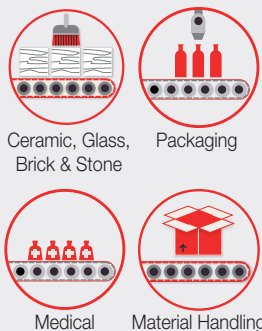


| SAMPLE BOOK REFERENCE N° | PU 1 | PU 2 | PU 3 |
|-------------------------------------|--|----------|-----------|
| COLOURS | | ○ | |
| RAW MATERIAL | | PU | |
| HARDNESS (ShA) | 60 | 70 | 85 |
| COATING AND BELT COHESION METHOD | Co-extrusion | | |
| STANDARD COVER THICKNESS RANGE (mm) | | 2/3/4 | |
| TOLERANCE COVER THICKNESS | | +/- 0,3 | |
| WORKING TEMPERATURE (°C) | | -20 /+80 | |
| COEFFICIENT OF FRICTION (1) CoF | 0,65 | 0,65 | 0,60 |
| MIN. PULLEY DIAMETER (2) | | x 40 | |
| WATER RESISTANCE | Good | Fair | Very good |
| ABRASION RESISTANCE | Good | Fair | Very good |
| OIL RESISTANCE** | Good | Fair | Good |
| FOOD CONTACT APPROVED | No | No | No |
| FEATURES/BENEFITS | <p>High friction on smooth and dry surfaces.</p> <p>Very good wear resistance. Suitable for conveying sharp-edged materials.</p> | | |

| SAMPLE BOOK REFERENCE N° | PU 4 |
|-------------------------------------|--|
| COLOURS | ○ |
| RAW MATERIAL | PU |
| HARDNESS (ShA) | 70 |
| COATING AND BELT COHESION METHOD | Co-extrusion |
| STANDARD COVER THICKNESS RANGE (mm) | 4,3 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 |
| MIN. PULLEY DIAMETER (2) | x 30 |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Fair |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Suitable for wet environments where friction and drainage are necessary. |

| SAMPLE BOOK REFERENCE N° | PU 5 |
|-------------------------------------|---|
| COLOURS | ○ |
| RAW MATERIAL | PU |
| HARDNESS (ShA) | 70 |
| COATING AND BELT COHESION METHOD | Co-extrusion |
| STANDARD COVER THICKNESS RANGE (mm) | 2,7 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 |
| MIN. PULLEY DIAMETER (2) | x 35 |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Fair |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Reduced contact point for conveying smooth products. Allows drain of liquids. |

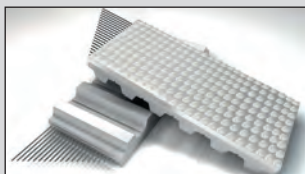
INDUSTRIES



(1) Coefficient of Friction (CoF): Determined by the static value against a steel guide; however, consideration must be given to the specific environmental conditions (contamination and/or wear resistance) and aging on the cover. (2) Minimum Pulley Diameter (Pd) = desired cover thickness x given multiplier: i.e. 2mm cover thickness x 30 (given) = 60mm min. Pd. If the minimum diameter of base belt is larger than the calculated cover minimum Pd, use the larger of the two values. *= total belt thickness. **= the resistance to lubricant oil strongly depends by additive package, chemical nature of the oil and viscosity. In case of very sensitive applications, an additional check must be considered. *** = with add. grinding +/- 0,3 mm possible. ****= Ø min. is the minimum allowable diameter in mm for the base belt and TK the total thickness of the belt +coating.

POLYURETHANE (PU)

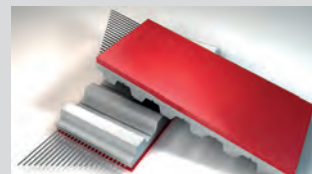
NP 385



RED GRIP



APL RED



Please ask our Team for more information about minimum quantity and delivery time.

SAMPLE BOOK REFERENCE N°

PU 6

PU 7

PU 8

COLOURS



RAW MATERIAL

PU

PU/Synthetic Rubber

PU/PVC

HARDNESS (ShA)

70

63 +/- 4

55

COATING AND BELT COHESION METHOD

Co-extrusion

Co-extrusion

Co-extrusion

STANDARD COVER THICKNESS RANGE (mm)

4

1 to 8

3,5

TOLERANCE COVER THICKNESS

+/- 0,3

+/- 0,3

+/- 0,3

WORKING TEMPERATURE (°C)

-20 /+80

-20 /+60

-20 /+60

COEFFICIENT OF FRICTION (1) CoF

0,60

0,70

0,70

MIN. PULLEY DIAMETER (2)

x 40

x 30

30 x

WATER RESISTANCE

Very good

Good

Good

ABRASION RESISTANCE

Very good

Very good

Good

OIL RESISTANCE**

Good

Very good

Good

FOOD CONTACT APPROVED

No

No

No

FEATURES/BENEFITS

For oily conveyor conditions
Contact only on top of the
Noppen.

A seamless alternative to
LINATEX™.
Only available on MEGAFLEX.

Seamless alternative to
LINATEX™. Blended
elastomer offering high CoF,
good oil resistance.

INDUSTRIES



Ceramic, Glass,
Brick & Stone



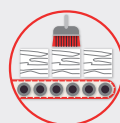
Packaging



Material Handling



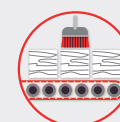
Packaging



Ceramic, Glass,
Brick & Stone



Material Handling



Ceramic, Glass,
Brick & Stone



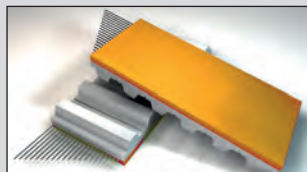
Paper & Print

(1) Coefficient of Friction (CoF): Determined by the static value against a steel guide; however, consideration must be given to the specific environmental conditions (contamination and/or wear resistance) and aging on the cover. (2) Minimum Pulley Diameter (Pd) = desired cover thickness x given multiplier: i.e. 2mm cover thickness x 30 (given) = 60mm min. Pd. If the minimum diameter of base belt is larger than the calculated cover minimum Pd, use the larger of the two values.. * = total belt thickness. ** = the resistance to lubricant oil strongly depends by additive package, chemical nature of the oil and viscosity. in case of very sensitive applications, an additional check must be considered. *** = with add. grinding +/- 0,3 mm possible. **** = Ø min. is the minimum allowable diameter in mm for the base belt and TK the total thickness of the belt +coating.

COVERS

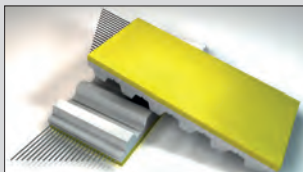
POLYURETHANE (PU)

ORANGE COVER

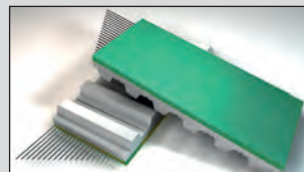


Please ask our Team for more information about minimum quantity and delivery time.

Z-COVER




GREEN MILLABLE URETHANE



| SAMPLE BOOK REFERENCE N° | PU 9 |
|-------------------------------------|---|
| COLOURS | |
| RAW MATERIAL | PU |
| HARDNESS (ShA) | 42 |
| COATING AND BELT COHESION METHOD | Co-extrusion |
| STANDARD COVER THICKNESS RANGE (mm) | 3/6/9 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -25 /+65 |
| COEFFICIENT OF FRICTION (1) CoF | 0,80 |
| MIN. PULLEY DIAMETER (2) | x 20 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | A cover offering high grip, good wear and oil resistance. Available on MEGAFLEX only. |

| SAMPLE BOOK REFERENCE N° | PU 10 |
|-------------------------------------|--|
| COLOURS | |
| RAW MATERIAL | PU |
| HARDNESS (ShA) | 56 |
| COATING AND BELT COHESION METHOD | Co-extrusion |
| STANDARD COVER THICKNESS RANGE (mm) | 3-6 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -25 /+70 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 |
| MIN. PULLEY DIAMETER (2) | x 25 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | High density, high CoF PU foam with good resistance to oil and abrasion. |

| PU 11 | | PU 12 | | |
|--|------|-------|-----|----|
|  | | | | |
| Millable Urethane | | | | |
| 40 | 50 | 60 | 70 | 85 |
| Moulding | | | | |
| 2,4 to 14 | | | | |
| +/- 0,3 | | | | |
| -20 /+80 | | | | |
| 0,60 | | 0,55 | | |
| x 30 | x 30 | x 35 | x40 | |
| Good | | | | |
| Very good | | | | |
| Good | | | | |
| No | | | | |
| Very good abrasion resistance with high CoF. Common used in Cable and Wire Industry. | | | | |

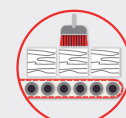
INDUSTRIES



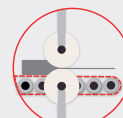
Material Handling



Material Handling



Ceramic, Glass, Brick & Stone



Aluminum Extrusion

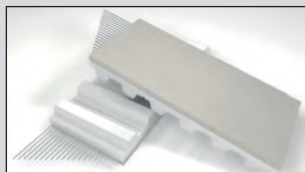


Recycling

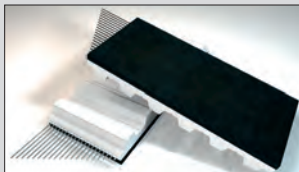
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POLYURETHANE (PU)

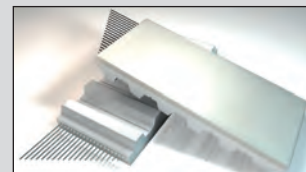
TAN MILLABLE URETHANE




BLACK MILLABLE URETHANE




WHITE MILLABLE URETHANE



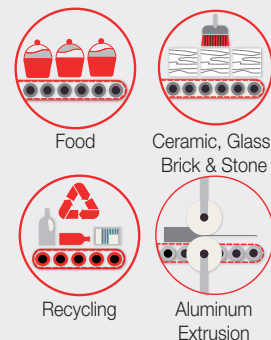
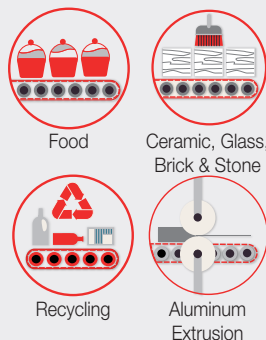
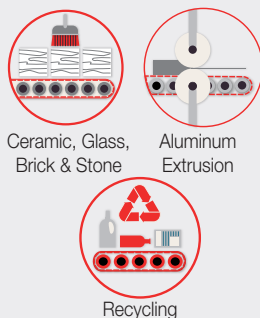
Please ask our Team for more information about minimum quantity and delivery time.

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | PU 68 |
| COLOURS |  |
| RAW MATERIAL | Millable Urethane |
| HARDNESS (ShA) | 70 |
| COATING AND BELT COHESION METHOD | Moulding |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,55 |
| MIN. PULLEY DIAMETER (2) | x35 |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Very good abrasion and tear resistance. |

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | PU 69 |
| COLOURS |  |
| RAW MATERIAL | Millable Urethane |
| HARDNESS (ShA) | 80 |
| COATING AND BELT COHESION METHOD | Moulding |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,55 |
| MIN. PULLEY DIAMETER (2) | x40 |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | Yes |
| FEATURES/BENEFITS | Very good abrasion and tear resistance. Formulated from materials compatible with FDA. |

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | PU 70 |
| COLOURS |  |
| RAW MATERIAL | Millable Urethane |
| HARDNESS (ShA) | 55 |
| COATING AND BELT COHESION METHOD | Moulding |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 |
| MIN. PULLEY DIAMETER (2) | x30 |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | Yes |
| FEATURES/BENEFITS | High CoF, very good abrasion and tear resistance. Formulated from materials compatible with FDA. |

INDUSTRIES



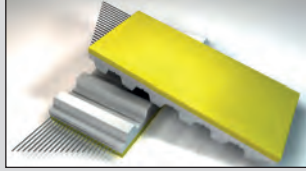
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COVERS

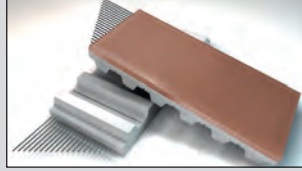
POLYURETHANE (PU)

YELLOW MILLABLE URETHANE

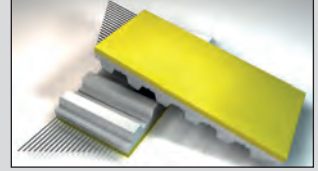
Please ask our Team for more information about minimum quantity and delivery time.




POLYTHAN D44




PU-YELLOW




| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | PU 71 |
| COLOURS |  |
| RAW MATERIAL | Millable Urethane |
| HARDNESS (ShA) | 70 |
| COATING AND BELT COHESION METHOD | Moulding |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | +/- 0,55 |
| MIN. PULLEY DIAMETER (2) | x 35 |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |

FEATURES/BENEFITS Very good abrasion and tear resistance.

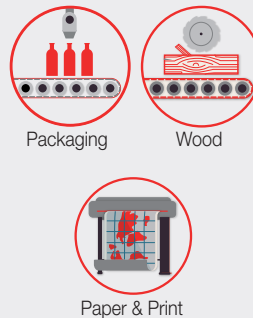
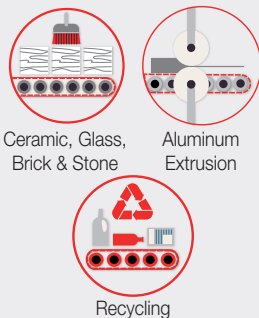
| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | PU 13 |
| COLOURS |  |
| RAW MATERIAL | PU |
| HARDNESS (ShA) | 72 |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 1 to 6 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -10 /+60 |
| COEFFICIENT OF FRICTION (1) CoF | 0,70 |
| MIN. PULLEY DIAMETER (2) | x 30 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |

Good resistance against Ozon and UV radiation. Due to cut resistance commonly used for conveyor of sheets panel, wood and glass.

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | PU 14A |
| COLOURS |  |
| RAW MATERIAL | Two Component PU Foam |
| HARDNESS (ShA) | 25-40 (soft) 50 (standard) 60-70 (hard) |
| COATING AND BELT COHESION METHOD | By Spraying |
| STANDARD COVER THICKNESS RANGE (mm) | 1 to 10 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -10 /+60 |
| COEFFICIENT OF FRICTION (1) CoF | 0,40 |
| MIN. PULLEY DIAMETER (2) | x 25 |
| WATER RESISTANCE | Fair |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |

Very good abrasion resistance and high grip against paper. Good machinability for vacuum holes and other modifications.

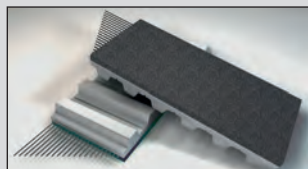
INDUSTRIES



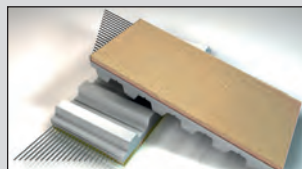
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POLYURETHANE (PU)

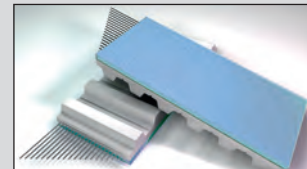
PU-GREY/RED



CELLOFLEX



SYLOMER BLUE

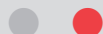


Please ask our Team for more information about minimum quantity and delivery time.

SAMPLE BOOK REFERENCE N°

PU14B

COLOURS



RAW MATERIAL

Two Component PU Foam

HARDNESS (ShA)

25-40 (soft)

VOLUME WEIGHT (kg/m³)

50 (standard)

60-70 (hard)

COATING AND BELT COHESION METHOD

By Spraying

STANDARD COVER THICKNESS RANGE (mm)

1 to 10

TOLERANCE COVER THICKNESS

+/- 0,3

WORKING TEMPERATURE (°C)

-10 /+60

COEFFICIENT OF FRICTION (1) CoF

0,40

MIN. PULLEY DIAMETER (2)

x 25

WATER RESISTANCE

Fair

ABRASION RESISTANCE

Very good

OIL RESISTANCE**

Good

FOOD CONTACT APPROVED

No

FEATURES/BENEFITS

Very good abrasion resistance and high grip against paper. Good machineability for vacuum holes and other modifications.

PU 15



Micro-cellular PU

350 kg/m³

Lamination

2 to 5

+/- 0,5

-30 /+80

0,30

x 20

Poor

Fair

Poor

No

Highly flexible, good shock absorption. Use to move sensitive and fragile products. Better resistance than sylomer foams.

PU 16



PU Foam

220 kg/m³

Lamination

2 to 20

+/- 0,5

-30 /+70

0,50

x 15

Good

Poor

Poor

No

10 ShA offers high dynamic load capacity for handling of lightweight, fragile items.

INDUSTRIES



Material Handling



Paper & Print



Packaging



Medical



Packaging



Medical

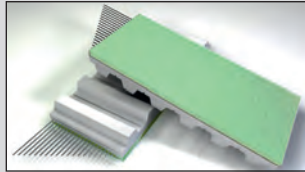
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COVERS

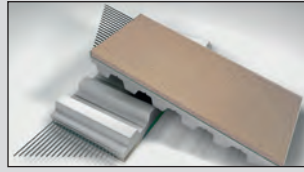
POLYURETHANE (PU)

Please ask our Team for more information about minimum quantity and delivery time.

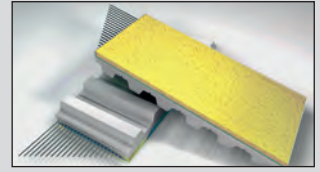
SYLOMER GREEN





SYLOMER BROWN




SYLOMER YELLOW

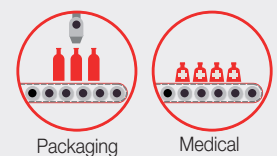
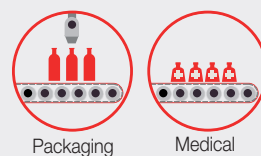
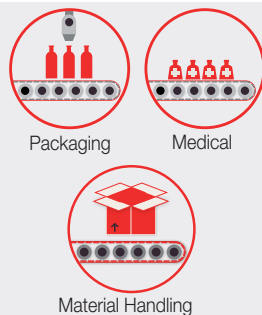


| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | PU 17 |
| COLOURS |  |
| RAW MATERIAL | PU Foam |
| VOLUME WEIGHT (kg/m³) | 300 kg/m³ |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 2 to 25 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -30 /+70 |
| COEFFICIENT OF FRICTION (1) CoF | 0,50 |
| MIN. PULLEY DIAMETER (2) | x 15 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Poor |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | 15 ShA, offers high dynamic load capacity for top pressure belts. |

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | PU 18 |
| COLOURS |  |
| RAW MATERIAL | PU Foam |
| VOLUME WEIGHT (kg/m³) | 400 kg/m³ |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 1 to 12 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -30 /+70 |
| COEFFICIENT OF FRICTION (1) CoF | 0,50 |
| MIN. PULLEY DIAMETER (2) | x 20 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Fair |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | 22 ShA, offers high dynamic load capacity for moving glass. |

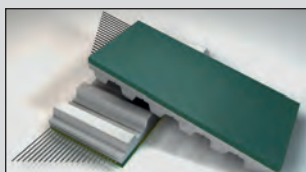
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|--|---|
| SAMPLE BOOK REFERENCE N° | PU 68 |
| COLOURS |  |
| RAW MATERIAL | PU Foam |
| VOLUME WEIGHT (kg/m³) | 150 kg/m³ |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 1 to 12 |
| TOLERANCE COVER THICKNESS | +/- 0,25 |
| WORKING TEMPERATURE (°C) | -30 /+70 |
| COEFFICIENT OF FRICTION (1) CoF | 0,50 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Poor |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | High dynamic load capacity for movement of light and sensitive parts. |

INDUSTRIES

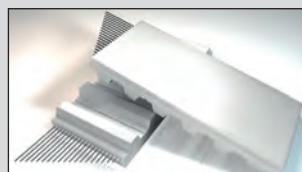


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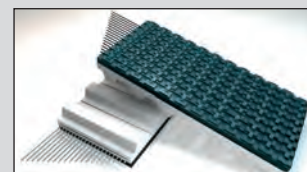
PVC-FOIL BLUE






PVC-FOIL WHITE



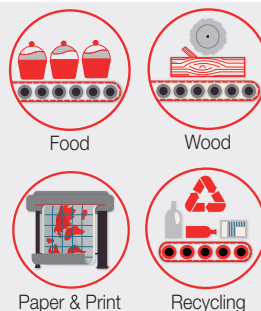
SUPERGRIP PETROL



Please ask our Team for more information about minimum quantity and delivery time.

| SAMPLEBOOK REFERENCE N° | PVC 19 | PVC 20 | PVC 21 |
|-------------------------------------|--|--|--|
| COLOURS |  |  |  |
| RAW MATERIAL | PVC | PVC | PVC |
| HARDNESS (ShA) | 40 | 65 | 46 |
| COATING AND BELT COHESION METHOD | Lamination | Lamination | Co-extrusion Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 2 | 2 | 4,5 |
| TOLERANCE COVER THICKNESS | +/- 0,5 | +/- 0,5 | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -15 /+70 | -20 /+100 | -10 /+60 |
| COEFFICIENT OF FRICTION (1) CoF | 0,90 | 0,80 | 0,90 |
| MIN. PULLEY DIAMETER (2) | 40 mm | 60 mm | 60 mm |
| WATER RESISTANCE | Good | Good | Good |
| ABRASION RESISTANCE | Fair | Good | Fair |
| OIL RESISTANCE** | Good | Very good | Good |
| FOOD CONTACT APPROVED | No | Yes | No |
| FEATURES/BENEFITS | Good adhesion characteristics due to good CoF and smooth surface for the conveyance of paper and foil, but also wood and plastics. Seamless weldable on ML and MFX | Good adhesion characteristics due to good CoF and smooth surface. Resistant to acids and oils. Formulated with ingredients considered FDA safe. Seamless weldable on ML and MFX. | High CoF, applicable for slight height compensation, low shock absorption capabilities. Improved adhesion even in case of moisture and dirt - for incline, feed and take-away conveying applications. Seamless weldable on ML and MFX. |

INDUSTRIES

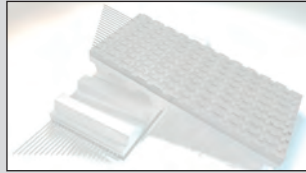


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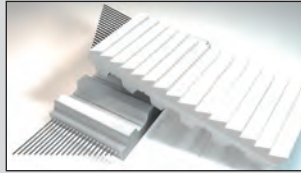
COVERS

PVC

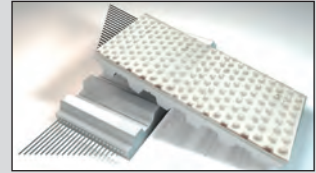
SUPERGRIP WHITE



PVC-SAW TOOTH



PVC-NAPPED



Please ask our Team for more information about minimum quantity and delivery time.

| | |
|--|------------|
| SAMPLE BOOK REFERENCE N° | PVC 22 |
| COLOURS | ● |
| RAW MATERIAL | PVC |
| HARDNESS (ShA) | 60 |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 3,5 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -10 /+100 |
| COEFFICIENT OF FRICTION (1) CoF | 0,80 |
| MIN. PULLEY DIAMETER (2) | 60 mm |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Fair |
| OIL RESISTANCE** | Very good |
| FOOD CONTACT APPROVED | Yes |

FEATURES/BENEFITS

Characteristics same as Supergrip petrol but less flexible for the conveyance of food.
Resistant against acids and bases.

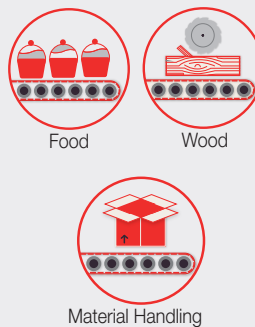
| | |
|--|------------|
| SAMPLE BOOK REFERENCE N° | PVC 23 |
| COLOURS | ● |
| RAW MATERIAL | PVC |
| HARDNESS (ShA) | 60 |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 2,5 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -15 /+70 |
| COEFFICIENT OF FRICTION (1) CoF | 0,70 |
| MIN. PULLEY DIAMETER (2) | 60 mm |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Fair |
| OIL RESISTANCE** | Very good |
| FOOD CONTACT APPROVED | Yes |

FDA clear pattern for improved adhesion under wet conditions. Line contact, resistant against acids and bases.

| | |
|--|------------|
| SAMPLE BOOK REFERENCE N° | PVC 24 |
| COLOURS | ● |
| RAW MATERIAL | PVC |
| HARDNESS (ShA) | 65 |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 1,5 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -15 /+60 |
| COEFFICIENT OF FRICTION (1) CoF | 0,80 |
| MIN. PULLEY DIAMETER (2) | 60 mm |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Fair |
| OIL RESISTANCE** | Very good |
| FOOD CONTACT APPROVED | Yes |

Thin cover offers good Cof, even in wet conditions. Resistant to acids and oils. Formulated with FDA materials.

INDUSTRIES

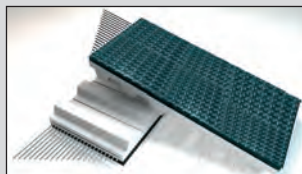


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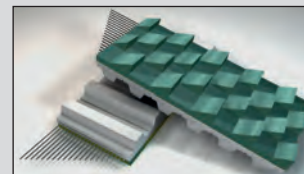
PVC-FISHBONE



MINIGRIP GREEN



STAGGERED SAWTOOTH



Please ask our Team for more information about minimum quantity and delivery time.

SAMPLE BOOK
REFERENCE N°

PVC 25

COLOURS



RAW MATERIAL

PVC

HARDNESS (ShA)

65

COATING AND BELT
COHESION METHOD

Lamination

STANDARD COVER
THICKNESS RANGE
(mm)

3

TOLERANCE COVER
THICKNESS

+/- 0,5

WORKING
TEMPERATURE (°C)

-15 /+90

COEFFICIENT OF
FRICTION (1) CoF

0,80

MIN. PULLEY
DIAMETER (2)

60 mm

WATER RESISTANCE

Good

ABRASION
RESISTANCE

Good

OIL RESISTANCE**

Very good

FOOD CONTACT
APPROVED

Yes

FEATURES/BENEFITS

Improved CoF in wet conditions. Narrow belts may only have a single diagonal cut profile. Resistant to acids and oils. Formulated with FDA materials.

PVC 26



PVC

60

Lamination

1,3

+/- 0,5

-10 /+70

0,70

30 mm

Good

Fair

Good

No

Thin cover structure with very good friction, even in wet or dusty conditions - reduces frictional stick of smooth and dry conveyed products. Resistant to acids and oils.

PVC 81



PVC

46

Lamination

8

+/- 0,5

-20 /+70

0,90

60 mm

Good

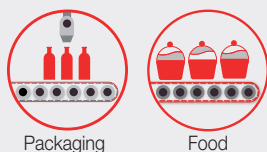
Good

Good

No

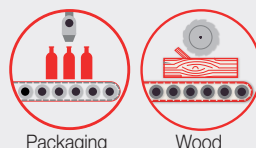
Very good CoF for gripping and incline conveying. Resistant to acids and oils.

INDUSTRIES



Packaging

Food

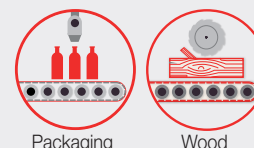


Packaging

Wood



Material Handling

Ceramic, Glass,
Brick & Stone

Packaging

Wood



Material Handling

Ceramic, Glass,
Brick & Stone

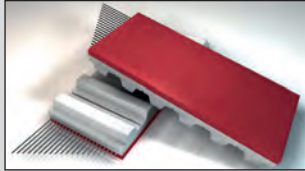
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COVERS

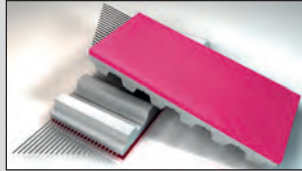
RUBBER

Please ask our Team for more information about minimum quantity and delivery time.

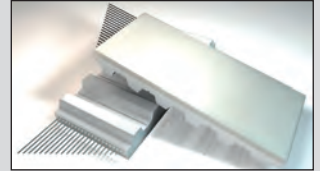
LINATEX™ RED





LINARD




LINAPLUS FG

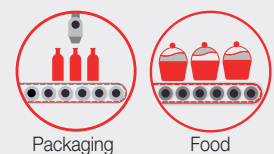
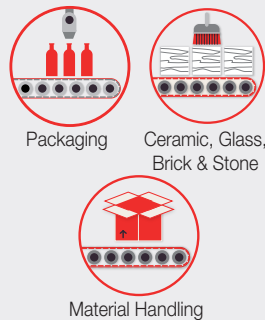
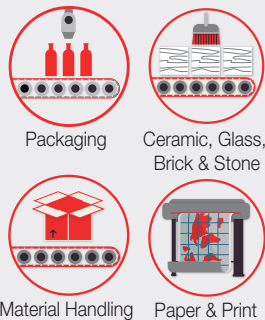


| | | |
|--|---|---------------|
| SAMPLE BOOK REFERENCE N° | RU 27 | |
| COLOURS |  | |
| RAW MATERIAL | Natural Rubber | |
| HARDNESS (ShA) | 38 | 40 |
| COATING AND BELT COHESION METHOD | Lamination | Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 1 to10 | 3 to 12,7 |
| TOLERANCE COVER THICKNESS | +/-1(***) | |
| WORKING TEMPERATURE (°C) | -40 /+70 | |
| COEFFICIENT OF FRICTION (1) CoF | 0,90 | |
| MIN. PULLEY DIAMETER (2) | x 20 | |
| WATER RESISTANCE | Good | |
| ABRASION RESISTANCE | Good | |
| OIL RESISTANCE** | Poor | |
| FOOD CONTACT APPROVED | No | |
| FEATURES/BENEFITS | Cover offers high CoF, good wear resistance, good wet conditions but poor in oil. Commonly used as discharged belts for use in vacuum VFFS. | |

| | | |
|--|---|--|
| SAMPLE BOOK REFERENCE N° | RU 28 | |
| COLOURS |  | |
| RAW MATERIAL | Natural Rubber | |
| HARDNESS (ShA) | 60 | |
| COATING AND BELT COHESION METHOD | Lamination | |
| STANDARD COVER THICKNESS RANGE (mm) | 1 to 6 | |
| TOLERANCE COVER THICKNESS | +/-1(***) | |
| WORKING TEMPERATURE (°C) | -30 /+70 | |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 | |
| MIN. PULLEY DIAMETER (2) | x 30 | |
| WATER RESISTANCE | Good | |
| ABRASION RESISTANCE | Good | |
| OIL RESISTANCE** | Fair | |
| FOOD CONTACT APPROVED | No | |
| FEATURES/BENEFITS | Cover with high abrasion resistance but less adhesion in comparison to LINATEX™. | |

| | | |
|--|---|--|
| SAMPLE BOOK REFERENCE N° | RU 29 | |
| COLOURS |  | |
| RAW MATERIAL | Natural Rubber | |
| HARDNESS (ShA) | 38 | |
| COATING AND BELT COHESION METHOD | Lamination | |
| STANDARD COVER THICKNESS RANGE (mm) | 1 to 3 | |
| TOLERANCE COVER THICKNESS | +/-1(***) | |
| WORKING TEMPERATURE (°C) | -40 /+70 | |
| COEFFICIENT OF FRICTION (1) CoF | 0,75 | |
| MIN. PULLEY DIAMETER (2) | x 25 | |
| WATER RESISTANCE | Good | |
| ABRASION RESISTANCE | Fair | |
| OIL RESISTANCE** | Poor | |
| FOOD CONTACT APPROVED | Yes | |
| FEATURES/BENEFITS | High CoF white non marking natural rubber material. Formulated with FDA materials. | |

INDUSTRIES



(1) Coefficient of Friction (CoF): Determined by the static value against a steel guide; however, consideration must be given to the specific environmental conditions (contamination and/or wear resistance) and aging on the cover. (2) Minimum Pulley Diameter (Pd) = desired cover thickness x given multiplier: i.e. 2mm cover thickness x 30 (given) = 60mm min. Pd. If the minimum diameter of base belt is larger than the calculated cover minimum Pd, use the larger of the two values. * = total belt thickness. ** = the resistance to lubricant oil strongly depends by additive package, chemical nature of the oil and viscosity. In case of very sensitive applications, an additional check must be considered. *** = with add. grinding +/- 0,3 mm possible. **** = Ø min. is the minimum allowable diameter in mm for the base belt and TK the total thickness of the belt +coating.

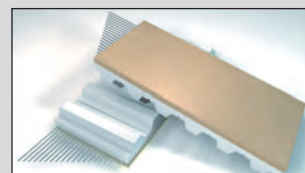
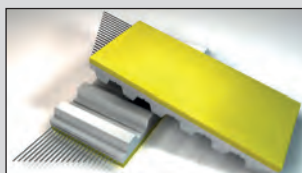
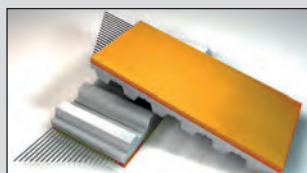
RUBBER


LINATRILE

RP 400 YELLOW

GUMMY CORREX AMBRA PARABLOND


Please ask our Team for more information about minimum quantity and delivery time.




| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 30 |
| COLOURS |  |
| RAW MATERIAL | Polymer NBR |
| HARDNESS (ShA) | 55 |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 1 to 10 |
| TOLERANCE COVER THICKNESS | +/- 1(***) |
| WORKING TEMPERATURE (°C) | -20 /+110 |
| COEFFICIENT OF FRICTION (1) CoF | 0,70 |
| MIN. PULLEY DIAMETER (2) | x 25 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |

FEATURES/BENEFITS

Improved temperature, oil, grease and aging resistance compared to natural rubber. Good mechanical processing capability vacuum transport of oil-covered sheets.

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 31 |
| COLOURS |  |
| RAW MATERIAL | Caoutchouc |
| HARDNESS (ShA) | 38 |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 2 to 6 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | -10 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,80 |
| MIN. PULLEY DIAMETER (2) | x 20 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |

Cover has fine fabric texture, characteristics similar to LINATEX™ but higher abrasion resistance.

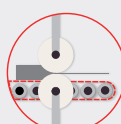
| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 73 |
| COLOURS |  |
| RAW MATERIAL | Natural Rubber |
| HARDNESS (ShA) | 48 |
| COATING AND BELT COHESION METHOD | Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 0,8 to 15 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+60 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 |
| MIN. PULLEY DIAMETER (2) | x 30 |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |

Cover offers high CoF and higher abrasion resistance than LINATEX™.

INDUSTRIES



Packaging



Aluminum Extrusion



Material Handling



Packaging



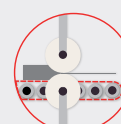
Wood



Material Handling



Paper & Print



Aluminum Extrusion



Material Handling



Recycling

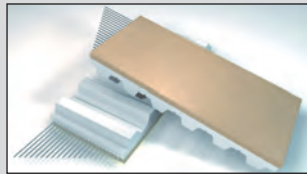
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COVERS

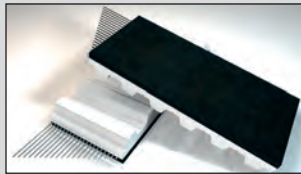
RUBBER

Please ask our Team for more information about minimum quantity and delivery time.

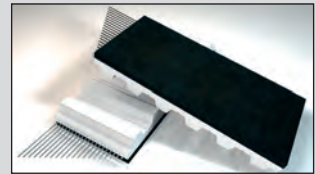
CORREX BEIGE



CORREX BLACK



NBR



SAMPLE BOOK REFERENCE N°

RU 32

RU 33

RU 34

COLOURS



RAW MATERIAL

Natural Rubber

Natural Rubber

Nitrile Caoutchouc

HARDNESS (ShA)

36

60

50

65

70

COATING AND BELT COHESION METHOD

Lamination

Lamination

Lamination

Vulcanisation

STANDARD COVER THICKNESS RANGE (mm)

2 to 6

2 to 6

2 to 6

0,8 to 15

TOLERANCE COVER THICKNESS

+/- 0,5

+/- 0,5

+/- 0,5

+/- 0,3

WORKING TEMPERATURE (°C)

-10 /+70

-10 /+70

-35 /+70

0 /+120

COEFFICIENT OF FRICTION (1) CoF

0,70

0,60

0,70

0,60

MIN. PULLEY DIAMETER (2)

x 20

x 30

x 30

x 35

WATER RESISTANCE

Fair

Fair

Very good

Good

ABRASION RESISTANCE

Good

Good

Poor

Good

OIL RESISTANCE**

Poor

Poor

Good

Good

FOOD CONTACT APPROVED

No

No

No

No

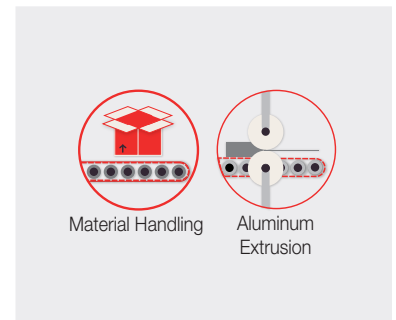
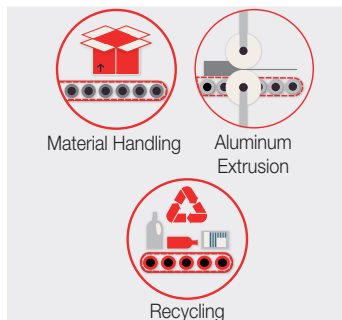
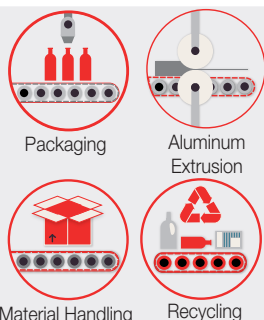
FEATURES/BENEFITS

Cover offers high CoF and high wear resistant features. Similar to LINATEX™. Black contact layer.

Cover offers good abrasion resistance and lower friction than Correx Beige.

Cover offers improved oil and grease resistance compared to natural rubber.

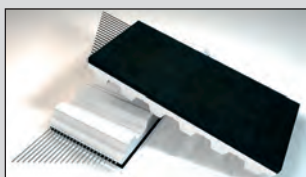
INDUSTRIES



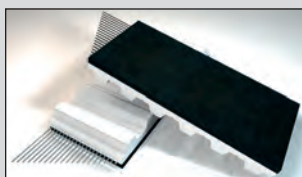
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RUBBER

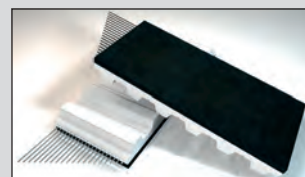
EPDM



VITON (FKM)



POROL BLACK



Please ask our Team for more information about minimum quantity and delivery time.

SAMPLE BOOK REFERENCE N°

RU 35

RU 36

RU 37

COLOURS



RAW MATERIAL

Ethylene - Propylene
Diene - Monomer

Fluoropolymer

Natural Cellular Rubber Foam

HARDNESS (ShA)

70

50

75

290 kg/m³

COATING AND BELT COHESION METHOD

Lamination

Vulcanisation

Lamination

Lamination

STANDARD COVER THICKNESS RANGE (mm)

2 to 5

>= 1,5

2 to 4

2 to 20

TOLERANCE COVER THICKNESS

+/- 0,5

+/- 0,5

+/- 0,5

WORKING TEMPERATURE (C°)

-20 /+120

-20 /+360

-10 /+190

-40 /+70

COEFFICIENT OF FRICTION (1) CoF

1,10

0,70

1,2

MIN. PULLEY DIAMETER (2)

x 35

x 40

x 15

WATER RESISTANCE

Very good

Very good

Very good

ABRASION RESISTANCE

Poor

Good

Fair

OIL RESISTANCE**

Poor

Very good

Fair

FOOD CONTACT APPROVED

No

No

No

FEATURES/BENEFITS

Cover offers high temperature range, good chemical and aging resistance.

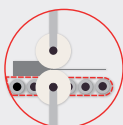
Cover offers extremely high temperature and oil resistance.
ATTENTION: For Lamination, attention must be given to the lower temperature resistance of base belt and adhesive used.

Cover is closed cell, soft elastic cellular rubber with good wear resistance.
On request with Nylon cover for bottle de scrambling.

INDUSTRIES



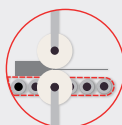
Automotive & Tyre



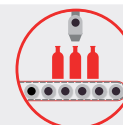
Aluminum Extrusion



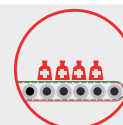
Material Handling



Aluminum Extrusion



Packaging



Medical



Material Handling



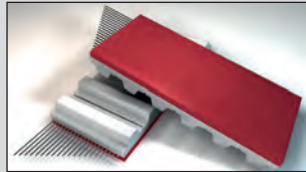
Textile

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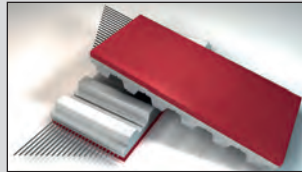
COVERS

RUBBER

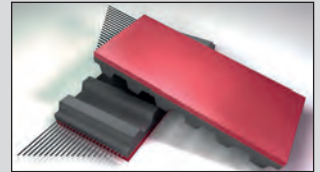
TENAX 40




TENAX STANDARD



TNX RED




Please ask our Team for more information about minimum quantity and delivery time.

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 74 |
| COLOURS |  |
| RAW MATERIAL | Natural Rubber |
| HARDNESS (ShA) | 40 |
| COATING AND BELT COHESION METHOD | Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 0,8 to 15 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+60 |
| COEFFICIENT OF FRICTION (1) CoF | 0,75 |
| MIN. PULLEY DIAMETER (2) | x 30 |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |

FEATURES/BENEFITS
Cover is a seamless alternative to LINATEX™. Slightly softer than Tenax Standard with higher grip.

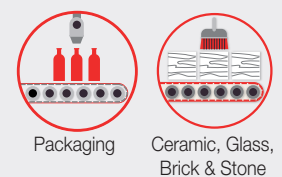
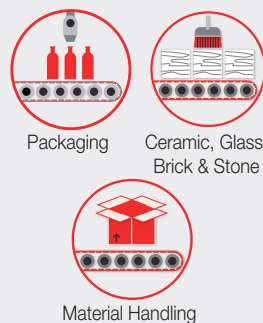
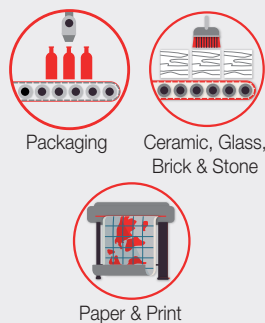
| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 75 |
| COLOURS |  |
| RAW MATERIAL | Natural Rubber |
| HARDNESS (ShA) | 45 |
| COATING AND BELT COHESION METHOD | Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 0,8 to 15 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+60 |
| COEFFICIENT OF FRICTION (1) CoF | 0,70 |
| MIN. PULLEY DIAMETER (2) | x 30 |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |

Cover is slightly harder than Tenax 40, but offers very good abrasion resistance.

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 38 |
| COLOURS |  |
| RAW MATERIAL | NR/BR |
| HARDNESS (ShA) | 50 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | <=16 (*) |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+60 |
| COEFFICIENT OF FRICTION (1) CoF | 0,70 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Fair |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |

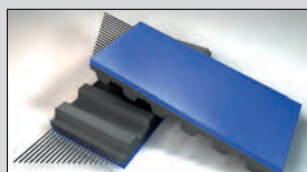
Harder than Tenax Standard. Available on one shot rubber belts only.

INDUSTRIES

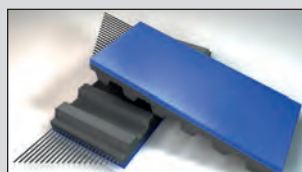


(1) Coefficient of Friction (CoF): Determined by the static value against a steel guide; however, consideration must be given to the specific environmental conditions (contamination and/or wear resistance) and aging on the cover. (2) Minimum Pulley Diameter (Pd) = desired cover thickness x given multiplier: i.e. 2mm cover thickness x 30 (given) = 60mm min. Pd. If the minimum diameter of base belt is larger than the calculated cover minimum Pd, use the larger of the two values. * = total belt thickness. ** = the resistance to lubricant oil strongly depends by additive package, chemical nature of the oil and viscosity. In case of very sensitive applications, an additional check must be considered. *** = with add. grinding +/- 0,3 mm possible. **** = Ø min. is the minimum allowable diameter in mm for the base belt and TK the total thickness of the belt +coating.

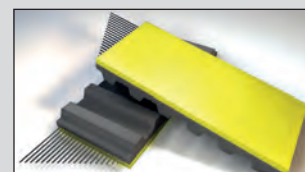
BLUE GRIP




HTX (SILBLUE)




YELLOW GUM R14



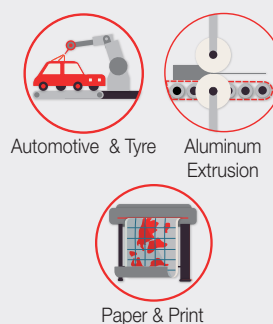
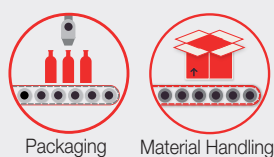
Please ask our Team for more information about minimum quantity and delivery time.

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | RU 39 |
| COLOURS |  |
| RAW MATERIAL | NR/BR |
| HARDNESS (ShA) | 57 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | $\leq 12,5$ (*) |
| TOLERANCE COVER THICKNESS | $\pm 0,3$ |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,80 |
| MIN. PULLEY DIAMETER (2) | \varnothing min. +TKx5(****) |
| WATER RESISTANCE | Fair |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Fair |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Very good wear resistance. Alternative to LINATEX™. Only available on rubber base belts. |

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | RU 40 |
| COLOURS |  |
| RAW MATERIAL | Silicone |
| HARDNESS (ShA) | 64 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | ≤ 12 (*) |
| TOLERANCE COVER THICKNESS | $\pm 0,3$ |
| WORKING TEMPERATURE (°C) | 0 /+175 |
| COEFFICIENT OF FRICTION (1) CoF | 1,60 |
| MIN. PULLEY DIAMETER (2) | \varnothing min. +TKx5(****) |
| WATER RESISTANCE | Very good |
| ABRASION RESISTANCE | Fair |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offers high temperature and UV resistance. Non-marking compound common used in printing applications. Only available on rubber base belts. |

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 41 |
| COLOURS |  |
| RAW MATERIAL | Natural Rubber |
| HARDNESS (ShA) | 35-45 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,6 to 12 |
| TOLERANCE COVER THICKNESS | $\pm 0,3$ |
| WORKING TEMPERATURE (°C) | -25 /+85 |
| COEFFICIENT OF FRICTION (1) CoF | 0,80 |
| MIN. PULLEY DIAMETER (2) | \varnothing min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offering high CoF, very good wear resistance. Compound common used in indexing, corrugating, positioning and packaging applications. Only available on rubber base belts. |

INDUSTRIES

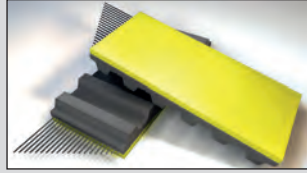


(1) Coefficient of Friction (CoF): Determined by the static value against a steel guide; however, consideration must be given to the specific environmental conditions (contamination and/or wear resistance) and aging on the cover. (2) Minimum Pulley Diameter (Pd) = desired cover thickness x given multiplier: i.e. 2mm cover thickness x 30 (given) = 60mm min. Pd. If the minimum diameter of base belt is larger than the calculated cover minimum Pd, use the larger of the two values.. * = total belt thickness. ** = the resistance to lubricant oil strongly depends by additive package, chemical nature of the oil and viscosity. in case of very sensitive applications, an additional check must be considered. *** = with add. grinding $\pm 0,3$ mm possible. **** = \varnothing min. is the minimum allowable diameter in mm for the base belt and TK the total thickness of the belt +coating.

COVERS

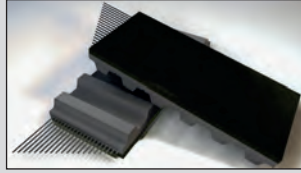
RUBBER

YELLOW NEOPRENE R15

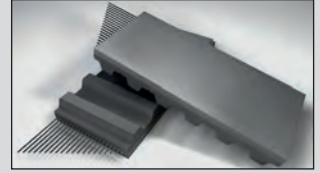



Please ask our Team for more information about minimum quantity and delivery time.


HIGH DURO NEOPRENE R18




50 DURO GRAY NEOPRENE R23

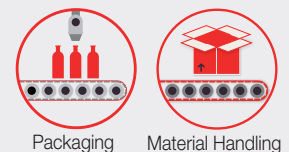
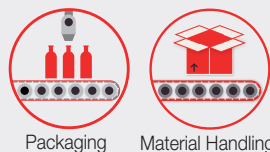
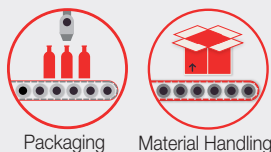


| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | RU 58 |
| COLOURS |  |
| RAW MATERIAL | Polychloroprene |
| HARDNESS (ShA) | 35-45 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,0 - 13,0 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -25 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,65 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offering a Neoprene alternative for applications requiring better resistance to heat, oils, fats, solvents. Only available on rubber base belts. |

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | RU 59 |
| COLOURS |  |
| RAW MATERIAL | Polychloroprene |
| HARDNESS (ShA) | 70-80 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,0 - 13,0 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offering a high ShA, black non-marking neoprene compound. Only available on rubber base belts. |

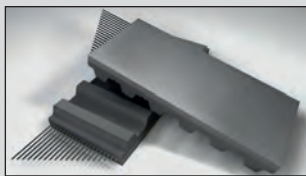
| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 60 |
| COLOURS |  |
| RAW MATERIAL | Polychloroprene |
| HARDNESS (ShA) | 50-60 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,0 - 13,0 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -25 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,65 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offering a medium ShA, non-marking compound, good heat resistance, CoF properties and color stability. Only available on rubber base belts. |

INDUSTRIES

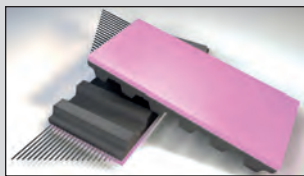


(1) Coefficient of Friction (CoF): Determined by the static value against a steel guide; however, consideration must be given to the specific environmental conditions (contamination and/or wear resistance) and aging on the cover. (2) Minimum Pulley Diameter (Pd) = desired cover thickness x given multiplier: i.e. 2mm cover thickness x 30 (given) = 60mm min. Pd. If the minimum diameter of base belt is larger than the calculated cover minimum Pd, use the larger of the two values. * = total belt thickness. ** = the resistance to lubricant oil strongly depends by additive package, chemical nature of the oil and viscosity. In case of very sensitive applications, an additional check must be considered. *** = with add. grinding +/- 0,3 mm possible. **** = Ø min. is the minimum allowable diameter in mm for the base belt and TK the total thickness of the belt +coating.

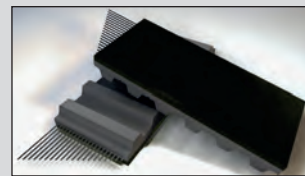
65 DURO GRAY NEOPRENE R24




HIGH DURO PINK NEOPRENE R25





LOW DURO BLACK NEOPRENE R35



Please ask our Team for more information about minimum quantity and delivery time.

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | RU 61 |
| COLOURS |  |
| RAW MATERIAL | Polychloroprene |
| HARDNESS (ShA) | 60-70 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,0 - 13,0 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE(°C) | -25 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,65 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | Yes |
| FEATURES/BENEFITS | Cover offering medium ShA, non-marking compound. Formulated with FDA materials. Only available on rubber base belts. |

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 62 |
| COLOURS |  |
| RAW MATERIAL | Polychloroprene |
| HARDNESS (ShA) | 65-75 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,0 - 13,0 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE(°C) | -20 /+90 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offering non-marking compound. Good friction properties and heat resistance. Only available on rubber base belts. |

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 63 |
| COLOURS |  |
| RAW MATERIAL | Natural Rubber |
| HARDNESS (ShA) | 40-50 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,0 - 13,0 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE(°C) | -20 /+85 |
| COEFFICIENT OF FRICTION (1) CoF | 0,55 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Fair |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offering high friction, non-marking feature. Only available on rubber base belts. |

INDUSTRIES



Packaging



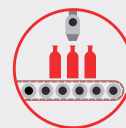
Material Handling



Packaging



Material Handling



Packaging



Material Handling

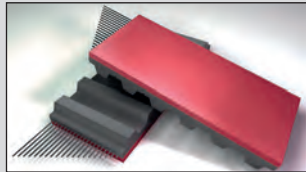
(1) Coefficient of Friction (CoF): Determined by the static value against a steel guide; however, consideration must be given to the specific environmental conditions (contamination and/or wear resistance) and aging on the cover. (2) Minimum Pulley Diameter (Pd) = desired cover thickness x given multiplier: i.e. 2mm cover thickness x 30 (given) = 60mm min. Pd. If the minimum diameter of base belt is larger than the calculated cover minimum Pd, use the larger of the two values.. * = total belt thickness. ** = the resistance to lubricant oil strongly depends by additive package, chemical nature of the oil and viscosity. in case of very sensitive applications, an additional check must be considered. *** = with add. grinding +/- 0,3 mm possible. **** = Ø min. is the minimum allowable diameter in mm for the base belt and TK the total thickness of the belt +coating.

COVERS

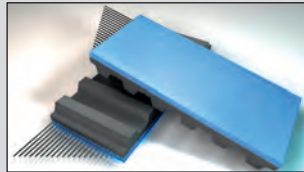
RUBBER

Please ask our Team for more information about minimum quantity and delivery time.

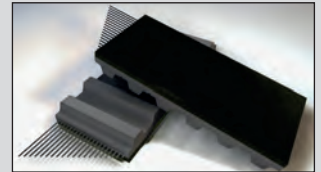
65 DURO RED NITRILE/PVC





BLUE FDA NEOPRENE 65




STATIC DISSIPATING NEOPRENE ISEPO

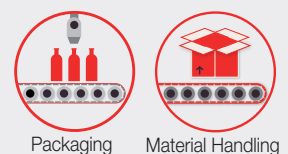
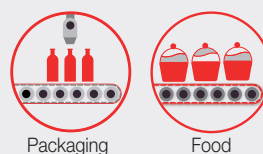


| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 42 |
| COLOURS |  |
| RAW MATERIAL | Nitrile - PVC |
| HARDNESS (ShA) | 63 - 70 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,6 - 12 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -10 /+110 |
| COEFFICIENT OF FRICTION (1) CoF | 0,80 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Fair |
| OIL RESISTANCE** | Very good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offers a blended compound feature provides and good CoF, along with good oil resistance. Only available on rubber base belts. |

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | RU 43 |
| COLOURS |  |
| RAW MATERIAL | Polychloroprene |
| HARDNESS (ShA) | 63 -73 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,6 - 12 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -35 /+105 |
| COEFFICIENT OF FRICTION (1) CoF | 0,80 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | Yes |
| FEATURES/BENEFITS | Cover offers good resistance to weather and ozone environments. Self extinguishing. Good resistance to acid solutions. Formulated with FDA materials. Only available on rubber base belts. |

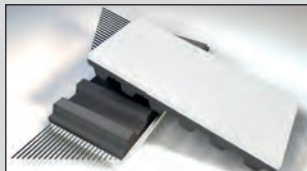
| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | RU 65 |
| COLOURS |  |
| RAW MATERIAL | Polychloroprene |
| HARDNESS (ShA) | 67-77 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,0 - 13,0 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover used on belts requiring high conductivity. Compound exceed the ISO/RMA classification for antistatic, static dissipating belts. Only available on rubber base belts. |

INDUSTRIES

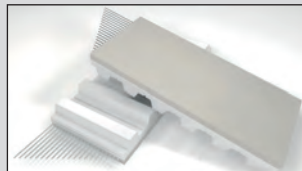


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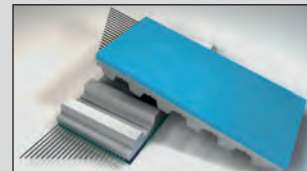
LOW DURO WHITE NEOPRENE R92




TAN NATURAL RUBBER 40





BLUE ANTI GLAZE NATURAL RUBBER



Please ask our Team for more information about minimum quantity and delivery time.

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | RU 66 |
| COLOURS |  |
| RAW MATERIAL | Polychloroprene |
| HARDNESS (ShA) | 35-45 |
| COATING AND BELT COHESION METHOD | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 1,0 - 10,0 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+90 |
| COEFFICIENT OF FRICTION (1) CoF | 0,65 |
| MIN. PULLEY DIAMETER (2) | Ø min. +TKx5(****) |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | Yes |
| FEATURES/BENEFITS | Cover offers low ShA non marking compound, offers high CoF and good wear resistance. Formulated with FDA materials. Only available on rubber base belts. |

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 44 |
| COLOURS |  |
| RAW MATERIAL | Natural Rubber |
| HARDNESS (ShA) | 40 |
| COATING AND BELT COHESION METHOD | Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 |
| MIN. PULLEY DIAMETER (2) | x 20 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offers non marking high CoF surface. Average wear and tear and abrasion resistance. |

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | RU 45 |
| COLOURS |  |
| RAW MATERIAL | Natural Rubber |
| HARDNESS (ShA) | 40 |
| COATING AND BELT COHESION METHOD | Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,55 |
| MIN. PULLEY DIAMETER (2) | x 20 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover offers a high CoF and good wear resistance. Anti glazing characteristic predestinated for high speed paper feeder. |

INDUSTRIES



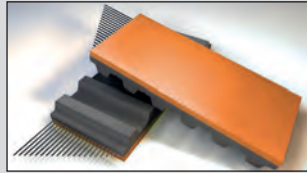
(1) Coefficient of Friction (CoF): Determined by the static value against a steel guide; however, consideration must be given to the specific environmental conditions (contamination and/or wear resistance) and aging on the cover. (2) Minimum Pulley Diameter (Pd) = desired cover thickness x given multiplier: i.e. 2mm cover thickness x 30 (given) = 60mm min. Pd. If the minimum diameter of base belt is larger than the calculated cover minimum Pd, use the larger of the two values.. * = total belt thickness. ** = the resistance to lubricant oil strongly depends by additive package, chemical nature of the oil and viscosity. in case of very sensitive applications, an additional check must be considered. *** = with add. grinding +/- 0,3 mm possible. **** = Ø min. is the minimum allowable diameter in mm for the base belt and TK the total thickness of the belt +coating.

COVERS

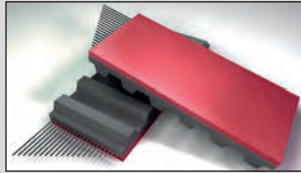
RUBBER

Please ask our Team for more information about minimum quantity and delivery time.

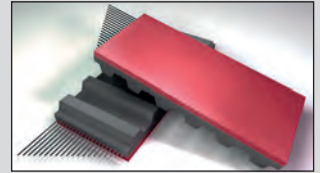
DURATAQ™



DURATAQ™ PLUS



RED NATURAL RUBBER 40



SAMPLE BOOK REFERENCE N°

RU 46

COLOURS



RAW MATERIAL

Natural Rubber

HARDNESS (ShA)

45

COATING AND BELT COHESION METHOD

Vulcanisation

STANDARD COVER THICKNESS RANGE (mm)

2,4 to 14

TOLERANCE COVER THICKNESS

+/- 0,3

WORKING TEMPERATURE (°C)

-20 /+100

COEFFICIENT OF FRICTION (1) CoF

1,10

MIN. PULLEY DIAMETER (2)

x 20

WATER RESISTANCE

Good

ABRASION RESISTANCE

Very good

OIL RESISTANCE**

Poor

FOOD CONTACT APPROVED

No

FEATURES/BENEFITS

Cover is an alternative to LINATEX™ offering a custom blended proprietary rubber which has a high CoF and very good abrasion resistance.

RU 76



Natural Rubber

60

Vulcanisation

2,4 to 14

+/- 0,3

-20 /+100

0,6

x 30

Good

Very good

Poor

No

Cover offers a proprietary custom blended rubber which has a good CoF and very good abrasion resistance.

RU 47



Natural Rubber

40

Vulcanisation

2,4 to 14

+/- 0,3

-20 /+80

0,50

x 20

Good

Fair

Poor

No

Cover offering low durometer ShA and very good high friction.

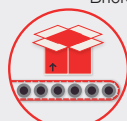
INDUSTRIES



Packaging



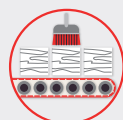
Ceramic, Glass,
Brick & Stone



Material Handling



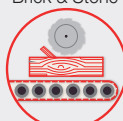
Packaging



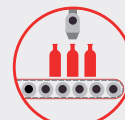
Ceramic, Glass,
Brick & Stone



Material Handling



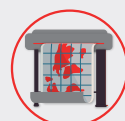
Wood



Packaging

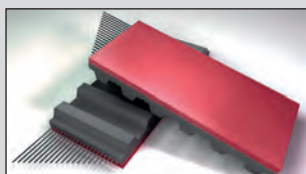


Material Handling

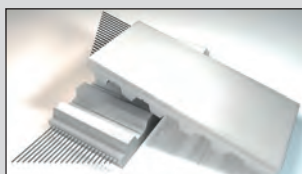


Paper & Print

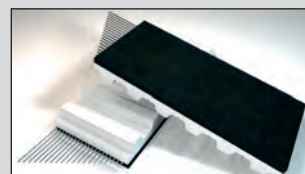
(1) Coefficient of Friction (CoF): Determined by the static value against a steel guide; however, consideration must be given to the specific environmental conditions (contamination and/or wear resistance) and aging on the cover. (2) Minimum Pulley Diameter (Pd) = desired cover thickness x given multiplier: i.e. 2mm cover thickness x 30 (given) = 60mm min. Pd. If the minimum diameter of base belt is larger than the calculated cover minimum Pd, use the larger of the two values. * = total belt thickness. ** = the resistance to lubricant oil strongly depends by additive package, chemical nature of the oil and viscosity. In case of very sensitive applications, an additional check must be considered. *** = with add. grinding +/- 0,3 mm possible. **** = Ø min. is the minimum allowable diameter in mm for the base belt and TK the total thickness of the belt +coating.

RED NATURAL
RUBBER 60




WHITE NITRILE 40



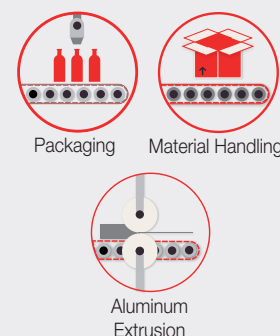
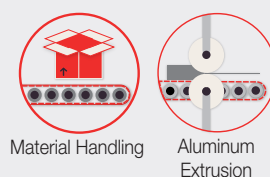
BLACK NEOPRENE



Please ask our Team for more information about minimum quantity and delivery time.

| | | | |
|--|--|---|---|
| SAMPLE BOOK REFERENCE N° | RU 77 | RU 49 | RU 50 |
| COLOURS |  |  |  |
| RAW MATERIAL | Natural Rubber | Carboxilate Nitrile | Neoprene |
| HARDNESS (ShA) | 60 | 40 | 50 70 |
| COATING AND BELT COHESION METHOD | Vulcanisation | Vulcanisation | Lamination Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 | 2,4 to 14 | 3-12 0,8 to 15 |
| TOLERANCE COVER THICKNESS | +/- 0,3 | +/- 0,3 | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+100 | -20 /+120 | -20 /+60 -10 /+100 |
| COEFFICIENT OF FRICTION (1) CoF | 0,5 | 0,70 | 0,60 |
| MIN. PULLEY DIAMETER (2) | x 30 | x 25 | x 30 |
| WATER RESISTANCE | Good | Good | Good |
| ABRASION RESISTANCE | Good | Good | Good |
| OIL RESISTANCE** | Poor | Very good | Good |
| FOOD CONTACT APPROVED | No | No | No |
| FEATURES/BENEFITS | Covers offering good friction and good abrasion resistance. Higher abrasion resistance than NATURAL RUBBER 40. | Cover offering the benefit high friction and good wear resistance. The very good oil resistance in moderate temperature up to +120°C offers a wide range of applications. | Cover offering high CoF and moderate abrasion / water / oil resistance in ambient temperatures. |

INDUSTRIES

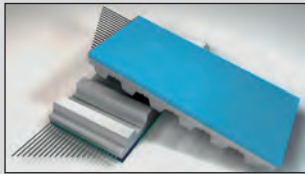


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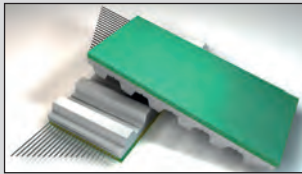
COVERS

RUBBER

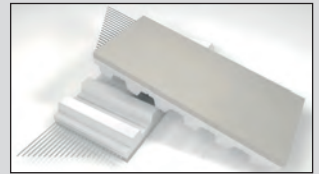
BLUE NATURAL RUBBER 55




GREEN NITRILE 55




TAN NEOPRENE 55




Please ask our Team for more information about minimum quantity and delivery time.

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 51 |
| COLOURS |  |
| RAW MATERIAL | Natural Rubber |
| HARDNESS (ShA) | 55 |
| COATING AND BELT COHESION METHOD | Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,40 |
| MIN. PULLEY DIAMETER (2) | x 25 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Poor |
| FOOD CONTACT APPROVED | No |

FEATURES/BENEFITS Cover offering high CoF, good wear resistance, very good water resistance.

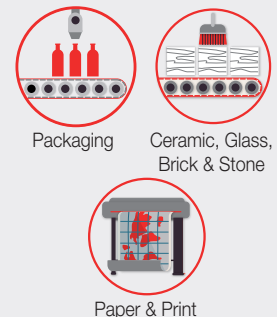
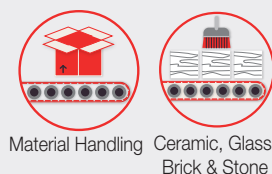
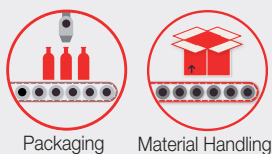
| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 52 |
| COLOURS |  |
| RAW MATERIAL | Nitrile |
| HARDNESS (ShA) | 55 |
| COATING AND BELT COHESION METHOD | Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+120 |
| COEFFICIENT OF FRICTION (1) CoF | 0,70 |
| MIN. PULLEY DIAMETER (2) | x 30 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Very good |
| FOOD CONTACT APPROVED | No |

Cover offering high CoF and moderate abrasion / water / oil resistance in ambient temperatures.

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | RU 53 |
| COLOURS |  |
| RAW MATERIAL | Neoprene |
| HARDNESS (ShA) | 55 |
| COATING AND BELT COHESION METHOD | Vulcanisation |
| STANDARD COVER THICKNESS RANGE (mm) | 2,4 to 14 |
| TOLERANCE COVER THICKNESS | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+120 |
| COEFFICIENT OF FRICTION (1) CoF | 1,60 |
| MIN. PULLEY DIAMETER (2) | x 30 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |

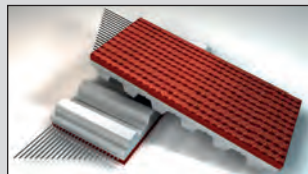
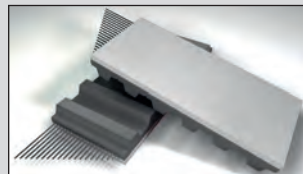
Cover offer high CoF and good wear resistance.

INDUSTRIES





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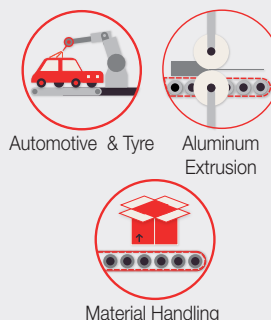
HONEYCOMB

70 DURO GREY
HNBR - HTG

Please ask our Team for more information about minimum quantity and delivery time.

| | | |
|--|--|--|
| SAMPLE BOOK REFERENCE N° | RU 78 | RU 80 |
| COLOURS |  |  |
| RAW MATERIAL | Natural Rubber | HNBR |
| HARDNESS (ShA) | 50 | 66-76 |
| COATING AND BELT COHESION METHOD | Lamination | One Shot Curing |
| STANDARD COVER THICKNESS RANGE (mm) | 4,5 to15 | 1 - 10 |
| TOLERANCE COVER THICKNESS | +/-0,5 | +/- 0,3 |
| WORKING TEMPERATURE (°C) | -20 /+60 | -30 /+150 |
| COEFFICIENT OF FRICTION (1) CoF | 0,60 | 0,55 |
| MIN. PULLEY DIAMETER (2) | x 30 | Ø min. +TKx5 ^(****) |
| WATER RESISTANCE | Very good | Good |
| ABRASION RESISTANCE | Very good | Good |
| OIL RESISTANCE** | Poor | Very Good |
| FOOD CONTACT APPROVED | No | No |
| FEATURES/BENEFITS | Cover offering high friction rough top surface, applicable for slight height compensation, low shock absorption capabilities. Improved adhesion even in case of moisture and dirt for use on lower angle incline product movement. | Cover offers higher temperature applications where UV resistance is needed. Only available for 8M, H and T10 belt profiles. Only available on rubber base belts. |

INDUSTRIES



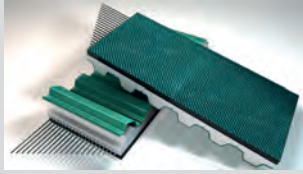
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COVERS

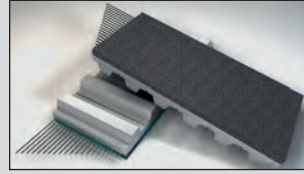
OTHERS

Please ask our Team for more information about minimum quantity and delivery time.

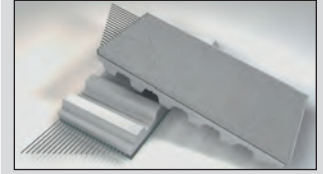
NFB/NFT




TT60




CHROME LEATHER

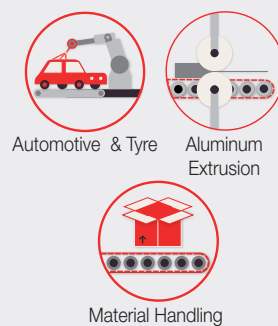


| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | OTH 54 |
| COLOURS |  (Antistatic) |
| RAW MATERIAL | Nylon Fabric |
| HARDNESS (ShA) | - |
| COATING AND BELT COHESION METHOD | Co-extrusion Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 0,15 |
| TOLERANCE COVER THICKNESS | 0,6 by Laminating |
| WORKING TEMPERATURE (°C) | -20 /+80 |
| COEFFICIENT OF FRICTION (1) CoF | 0,25 |
| MIN. PULLEY DIAMETER (2) | According to the cover FEATURES. |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Fair |
| OIL RESISTANCE** | Fair |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | NFT/NFB offers low friction for accumulation as well as low noise benefits and is usually applied Co-extrusion on base belts. In this case the min. pulley diameters indicated for each belt type and pitch are valid. Antistatic version available. |

| | |
|--|---|
| SAMPLE BOOK REFERENCE N° | OTH 55 |
| COLOURS |  |
| RAW MATERIAL | Felt |
| HARDNESS (ShA) | 55 |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 2 |
| TOLERANCE COVER THICKNESS | +/- 1 |
| WORKING TEMPERATURE (°C) | -10 /+120 |
| COEFFICIENT OF FRICTION (1) CoF | 0,40 |
| MIN. PULLEY DIAMETER (2) | 120 mm |
| WATER RESISTANCE | Poor |
| ABRASION RESISTANCE | Very good |
| OIL RESISTANCE** | Fair |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Antistatic cover provides a soft, non-marking, and good oil resistance surface for moving sharp, oily surface parts. Works well downline in complement to Kevlar® for higher temperature conveying. |

| | |
|--|--|
| SAMPLE BOOK REFERENCE N° | OTH 56 |
| COLOURS |  |
| RAW MATERIAL | Leather |
| HARDNESS (ShA) | 65 |
| COATING AND BELT COHESION METHOD | Lamination |
| STANDARD COVER THICKNESS RANGE (mm) | 2 to 3 |
| TOLERANCE COVER THICKNESS | +/- 0,5 |
| WORKING TEMPERATURE (°C) | 0 /+60 |
| COEFFICIENT OF FRICTION (1) CoF | 0,40 |
| MIN. PULLEY DIAMETER (2) | x 50 |
| WATER RESISTANCE | Good |
| ABRASION RESISTANCE | Good |
| OIL RESISTANCE** | Good |
| FOOD CONTACT APPROVED | No |
| FEATURES/BENEFITS | Cover has a roughened surface that offers very good oil / grease resistance and good cut resistance for moving sharp oily parts. |

INDUSTRIES

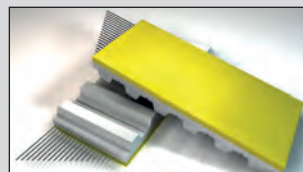
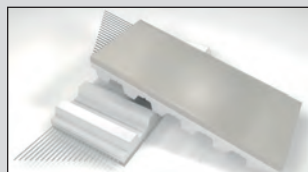


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SILICONE*

KEVLAR® FELT

Please ask our Team for more information about minimum quantity and delivery time.

SAMPLE BOOK
REFERENCE N°

OTH 57

COLOURS



RAW MATERIAL

Silicone

HARDNESS (ShA)

25 to 70

COATING AND BELT
COHESION METHOD

See Coating Section page 44

STANDARD COVER
THICKNESS RANGE
(mm)

0,5 - 10

TOLERANCE COVER
THICKNESS

+/- 0,3

WORKING
TEMPERATURE (°C)

-40 /+230*

COEFFICIENT OF
FRICTION (1) CoF

Values on request

MIN. PULLEY
DIAMETER (2)

x 20

WATER RESISTANCE

Good

ABRASION
RESISTANCE

Poor

OIL RESISTANCE**

Good

FOOD CONTACT
APPROVED

Yes

FEATURES/BENEFITS

Cover offers high temperature resistance, excellent grip and ease of product release, making cleanup of materials such as adhesives easy.

Formulated with FDA materials.

*Temperature resistance depends on silicone type.

For more details ask to our team.

OTH 79



Aramide

-

Lamination

6 - 8

+/- 1,0

-20 /+450

Values on request

-

Poor

Good

Poor

No

Excellent heat resistance for high temperature applications such as aluminum extrusion

INDUSTRIES



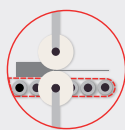
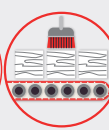
Packaging



Food



Paper & Print

Aluminum
ExtrusionCeramic, Glass,
Brick & Stone

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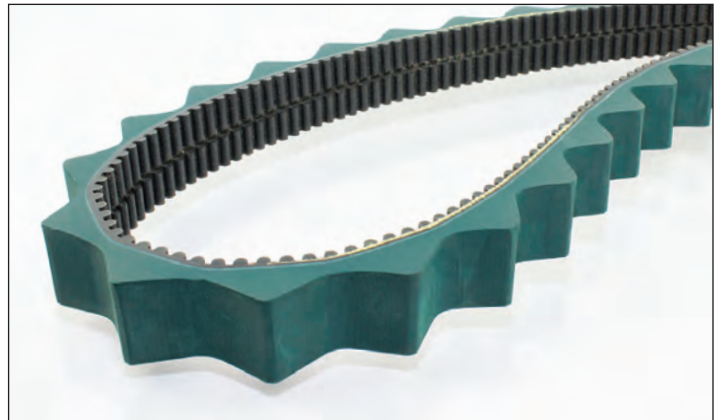
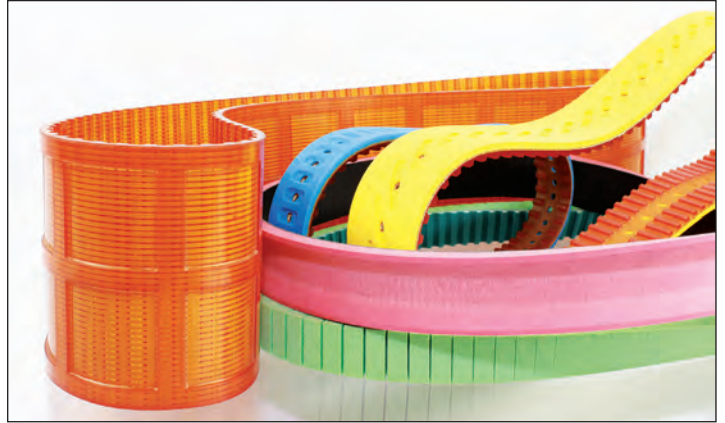
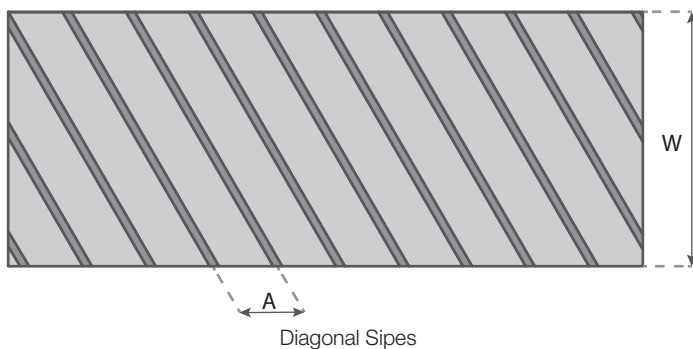
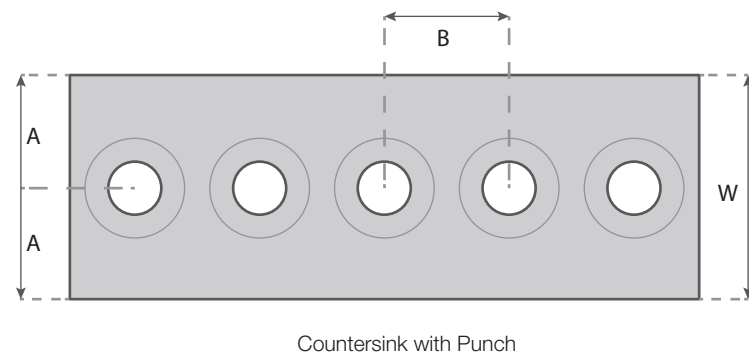
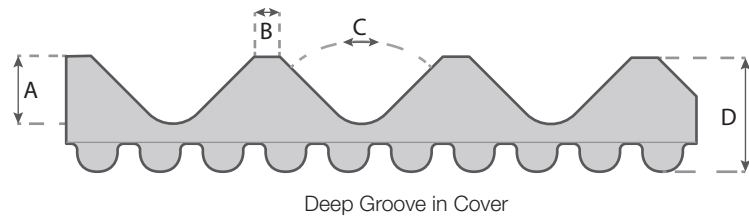
MODIFICATIONS

CUSTOM COVER MODIFICATIONS

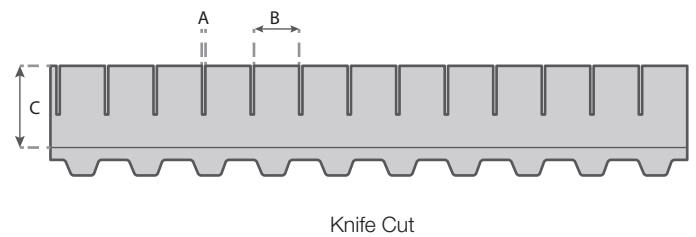
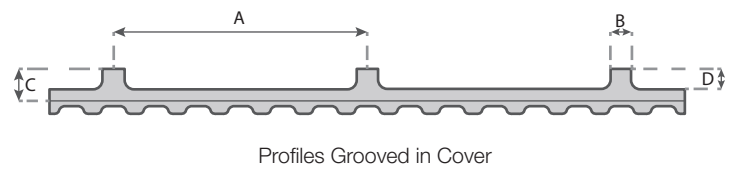
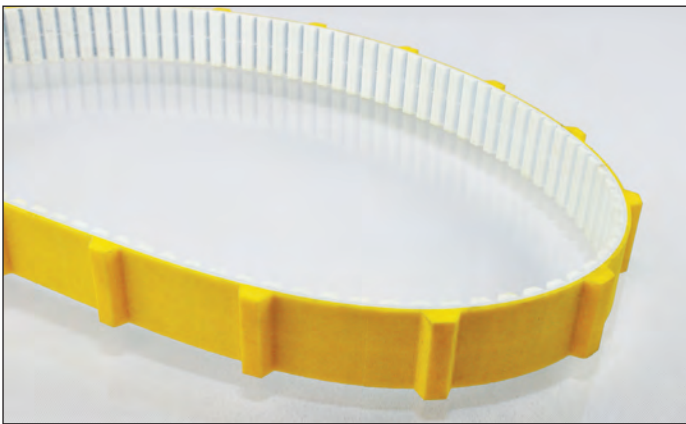
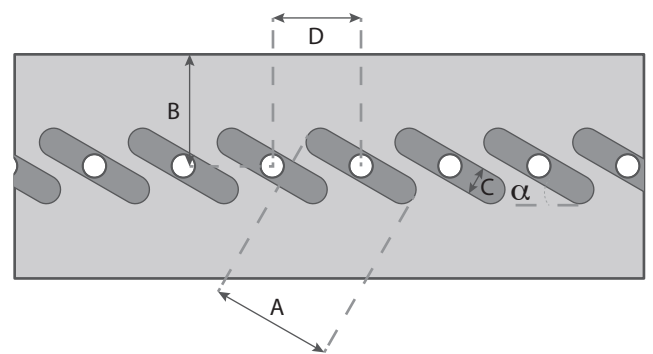
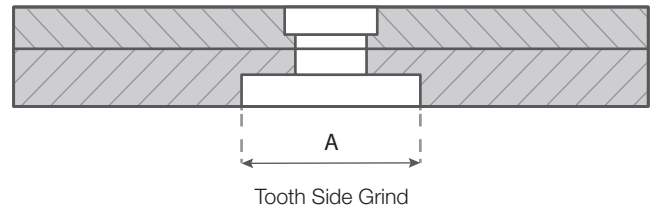
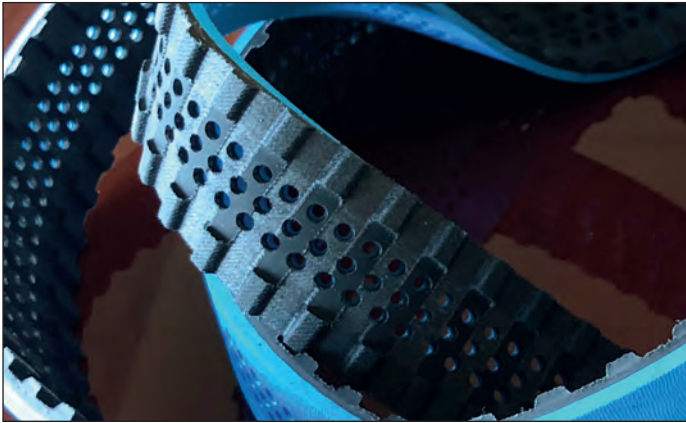
Enhanced processes, skilled personnel, an innovative spirit and ongoing capital equipment investments, enable Megadyne to stay at the forefront of new design developments and solution delivery to customers across the spectrum of industries we serve. Let a Megadyne Technical Sales Representative or Application Engineer create the right belt to deliver optimum performance for your application.

In addition to the materials and process selection of the base belt, Megadyne can fully customise our belts with the following machined modifications:

- Custom shapes
- Grinding
- Notching/Knife Cut
- Fabric added to the tooth side of belt
- Vacuum Countersinks
- Holes/Perforations
- Pockets
- Slots
- Saw Tooth
- Grooves
- Water cut



MODIFICATIONS



CLEATS

MEGALINEAR and MEGAFLEX timing belts can be customised with profiles welded on the backside of the belt.

All cleats, whether injection moulded or CNC machined are made with thermoplastic polyurethane.

Cleat Design is determined by the application requirements of the cleat and the size of the product required. Using our flexible production capabilities

Megadyne can design any cleat shape to meet the specific requirements of the customer:

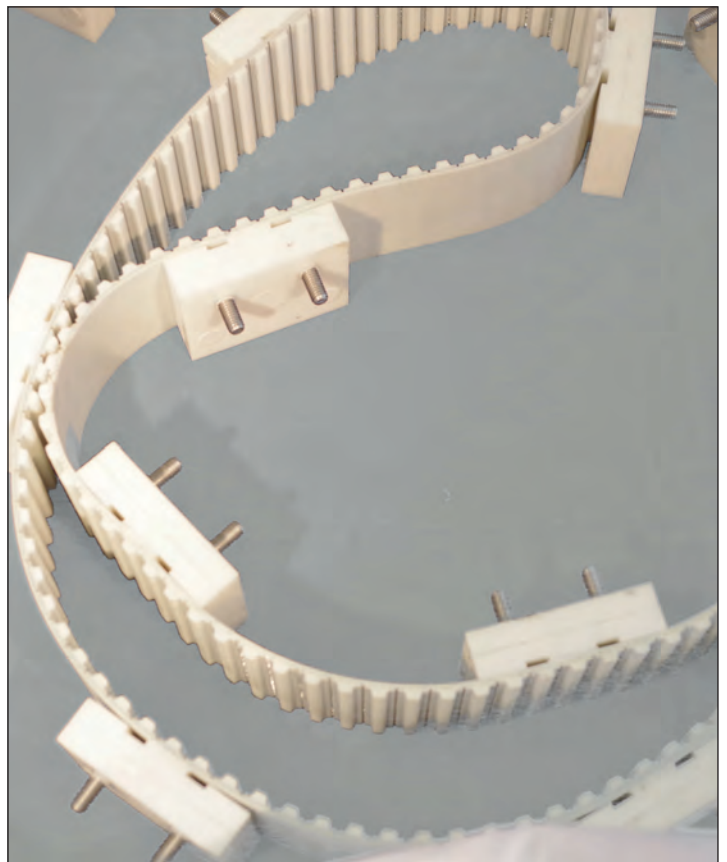
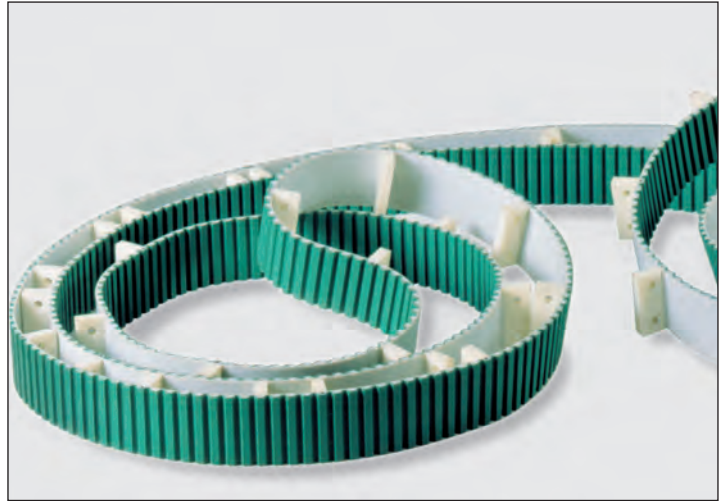
- CNC machined from thermoplastic PU sheet
- Injection moulded
- The cleats are attached by using high frequency vibration, hot blade, infrared welding or chemical bonding.

CLEAT MATERIALS

Our standard cleat is made with 92° ShA white polyurethane. This material is also used to produce MEGALINEAR and MEGAFLEX timing belt. Cleats can also be supplied in different durometers and in alternative urethane colours. Contact Megadyne for more details.

In applications where a hard and wear resistant cleat is required, a harder durometer like 96 ShA can be provided. Additionally, Megadyne can mould glass fibre reinforced polyurethane. For additional specials including elastomers with metal inserts, contact Megadyne to discuss your application specific needs.

In addition to our standard 92 ShA or harder 96 ShA urethane, Megadyne can provide EU Food compliant, FDA compliant blue or transparent polyurethane for the food and pharmaceutical industry with a hardness of 85 ShA. Blue cleats made with the same FDA material as our blue belt are available to ensure materials compatibility for use in food applications. Selection of the cleat material can be also dependant on the environment temperature (at low ambient temperatures low hardness is recommended). In general, individual cleat colours deviating from the standard can be produced according to indicated RAL number and under consideration of a min. quantity.



Some cleats Examples

| | | | |
|-----------|-----------|-----------|-----------|
| | | | |
| STDE 0009 | STME 0084 | STMI 0012 | STME 0076 |
| | | | |
| STMI 0014 | STME 0080 | STME 0091 | |
| | | | |
| STME 0111 | STME0092 | STME0092 | |

LOOKING FOR CUSTOM CLEATS?

Are you looking for a different profile other than those shown above? We have many different profiles, including custom, for your belt application. Contact our team for more information.



DIMENSIONAL TOLERANCES

The dimensional accuracy of injection-moulded cleats depends on the shrinking behaviour of the selected polyurethane and the size and shape of the cleat.

- Injection-moulded cleats have a general tolerance of up to ± 0.3 mm.
- Mechanically processed cleats have a general dimension tolerance of up to ± 0.5 mm.
- Smaller tolerances can be achieved depending on the cleat material and must be requested case by case

METHODS USED TO WELD CLEATS (HIGH FREQUENCY, INFRARED & HOT BLADE)

Depending on the shape and quantity of cleats to be welded, thermoplastic cleats can be welded using one of several options. When heating the cleat and base belt, polyurethane melts and creates a bead around the welding point.

To avoid any negative impact of this bead on the transport side it will be cleaned accordingly to secure the precise positioning of the transport goods.

In some specific cases, a suitable tool is needed to fully remove the welding bead. The cleaning of welding beads on cleats with glass-fibre reinforcement should be avoided in general.

In some specific cases, a suitable tool is needed to fully remove the welding bead. The cleaning of welding beads on cleats with glass-fibre reinforcement should be avoided in general. Additional to the bead the welded cleat loses height during the welding process. This height loss is called burn-off and is taken into consideration during cleat design and production.

COLD WELDING (CHEMICAL BONDING)

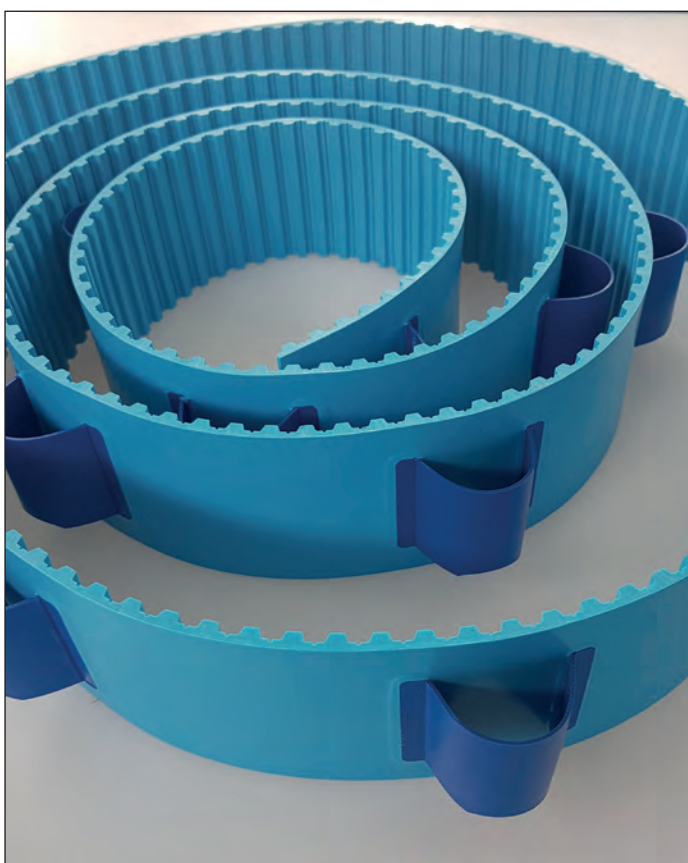
During chemical bonding, the thermoplastic polyurethane cleat is permanently connected with the thermoplastic polyurethane base belt.

Chemical bonding is preferably used for flat, round and thin-walled cleats, as in contrary to the hot welding no material melts off, no welding beads and no burn-off occurs.

Glass-fibre reinforced polyurethanes cannot be chemically bonded.

SPECIAL CLEAT DESIGNS

Megadyne can use components made from food contact approved conveyor belts as cleats, applied with high-frequency technology to TPU timing belt. This hybrid construction is perfect for food applications, such as fruit conveying.



FALSE TEETH

Our False Tooth product is designed to provide an easy mechanical attachment option for placement of cleats and other profiles and shapes to H, AT10 and AT20 pitches. False teeth can be added to Megalinear endless joined/ open end, Megaflex truly endless and Megapower urethane timing belts.

The use of our false teeth concept is a smart design solution where mechanical attachments can be used to offer flexibility of adjustment and positioning in applications where sortation, actuation and product separation is needed such as in pick and place systems, inserting and cartoning machines found in the packaging industry. Megadyne's false tooth attachment option provides a method to reposition or replace broken cleats without the need to replace belts, thus saving time and money.

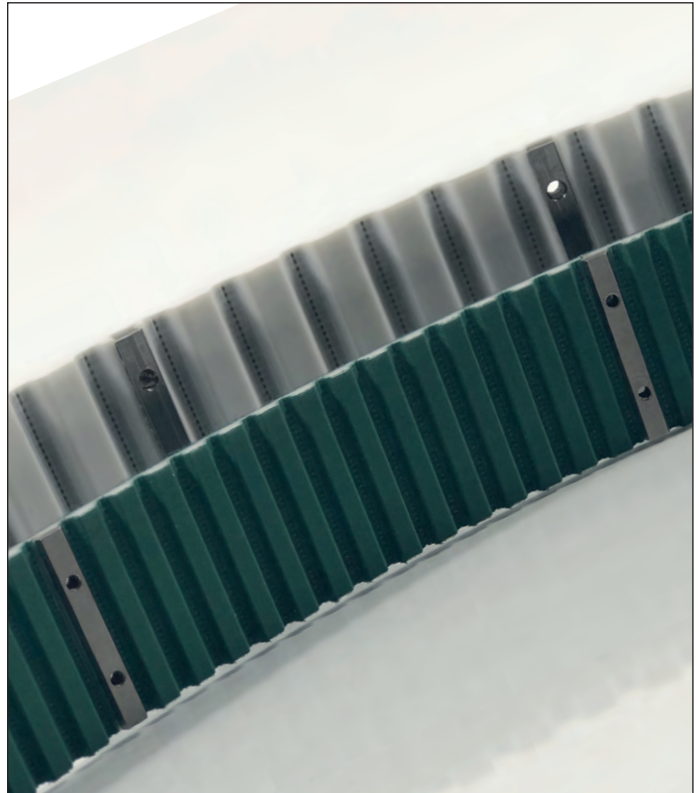
Additionally, False Teeth used to mount mechanical attachments and can be a solution in applications where the forces placed against conventional weld on cleats are too high and not robust enough to withstand the loads placed on them, which can lead to pull off failure.

Megadyne standard false tooth material is AISI 304 Stainless steel.

Contact Megadyne to discuss other material options.

ADVANTAGES OF MEGADYNE FALSE TEETH:

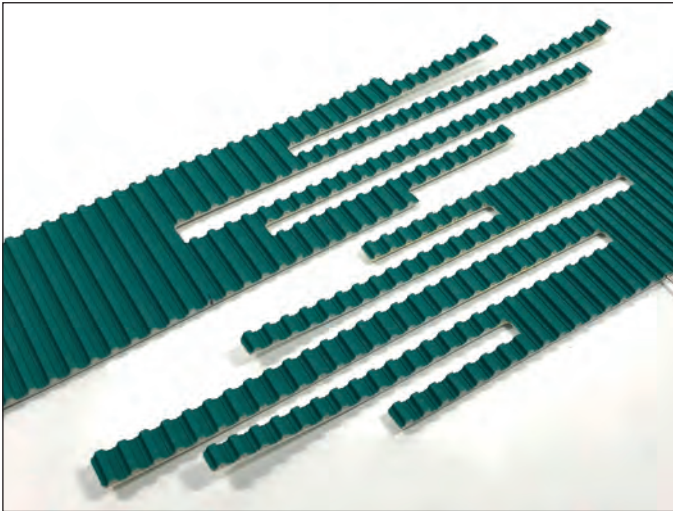
- Easy installation and removal of cleats
- Precise profile positioning
- Reduction cost in assembly and maintenance:
- Low cost cleat spare part in case of wear and tear
- No removal of belt needed to replace cleats
- Different cleat materials can be used
- Stainless steel false teeth suitable for food & pharmaceutical industry
- Available with NFT/NFB, FDA Urethane and with steel aramid or stainless steel cords. Self tracking belts can also be provided.
- Available on MEGALINEAR JOINED, MEGAFLEX and MEGAPOWER in all possible executions as NFT or NFB, FDA, steel, aramid or stainless steel cord, with or without self-tracking guide



AVAILABLE ON FOLLOWING BELTS:

| Pitch and Width | Hole Spacing (mm) | # of Holes | Diameter of Hole (mm) | Post Thread Size |
|-----------------|-------------------|------------|-----------------------|------------------|
| H50 | 25 | 2 | 6 +/-0,3 | M4 |
| 25AT10 | 12 +/-0,2 | 2 | 6 +/-0,3 | M4 |
| 32AT10 | 20 +/-0,2 | 2 | 6 +/-0,3 | M4 |
| 50AT10 | 25 +/-0,2 | 2 | 6 +/-0,3 | M4 |
| 75AT10 | 25 +/-0,2 | 3 | 6 +/-0,3 | M4 |
| 100AT10 | 25 +/-0,2 | 4 | 6 +/-0,3 | M4 |
| 25AT20 | - | 1 | 7.5 +/-0,3 | M5 |
| 32AT20 | 20 +/-0,2 | 2 | 7.5 +/-0,3 | M5 |
| 50AT20 | 25 +/-0,2 | 2 | 7.5 +/-0,3 | M5 |
| 75AT20 | 25 +/-0,2 | 3 | 7.5 +/-0,3 | M5 |
| 100AT20 | 25 +/-0,2 | 4 | 7.5 +/-0,3 | M5 |

PROGRESSIVE PIN JOINT SYSTEM (PPJ)



Megadynes' Progressive Pin Joint (PPJ) system is designed to allow the user a simple, reliable method of placing a timing belt on an application without the need to tear apart the conveyor or join the belt endless on line. PPJ is a perfect option for parallel path belts where the load being moved is spread across several belts. Installation and replacement of belts is fast, simple and cost saving.

PPJ is available for the following belt types:

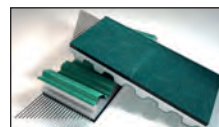
| PPJ AVAILABILITY | | | |
|------------------|------------|----------------|------------|
| BELT TYPE | WIDTH (mm) | BELT TYPE | WIDTH (mm) |
| T10/AT10 | 25 | T20/AT20/ATG20 | 75 |
| TG10 K6 | 25 | MTD8/RPP8 | 20 |
| T10/AT10 | 32 | MTD8/RPP8 | 30 |
| T10/AT10 | 50 | MTD8/RPP8 | 50 |
| T10/AT10 | 75 | MTD8/RPP8 | 85 |
| T10/AT10 | 100 | MTD8/RPP8 | 100 |
| TG10/ATG10 | 50 | MTD14 | 55 |
| T20/AT20 | 32 | MTD14 | 85 |
| T20/AT20 | 50 | H075 | 19,05 |
| HG150 | 38,1 | H100 | 25,4 |
| HG200 | 50,8 | H200 | 50,8 |

For different widths and/or lengths please ask to our technical Team.

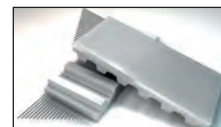
AVAILABLE PITCHES AND CORD TYPES

| Standard | HF | Stainless steel |
|---|-------------------------|----------------------------------|
| T10, AT10, TG10 ATG10, T20 AT20, MTD8, RPP8 | T10, AT10, T20, AT20 | T10, AT10, TG10, ATG10, MTD14 |

AVAILABLE COVERS FOR PPJ BELTS



NFT/NFB



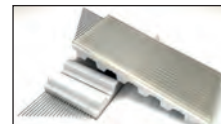
AVAF 60/70/85



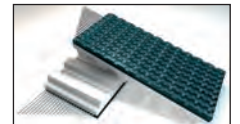
APL RED



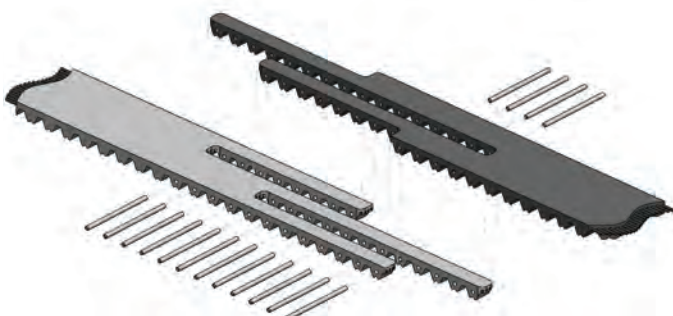
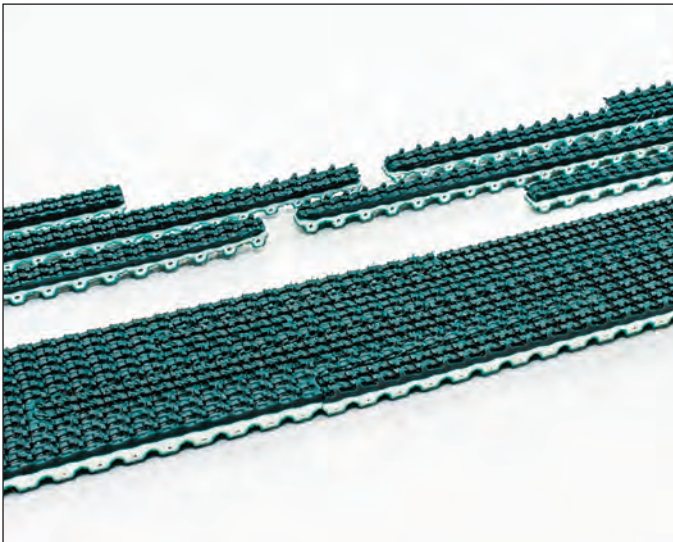
FISHBONE



RIBBED



SUPERGRIP PETROL



ENGINEERED BELTS

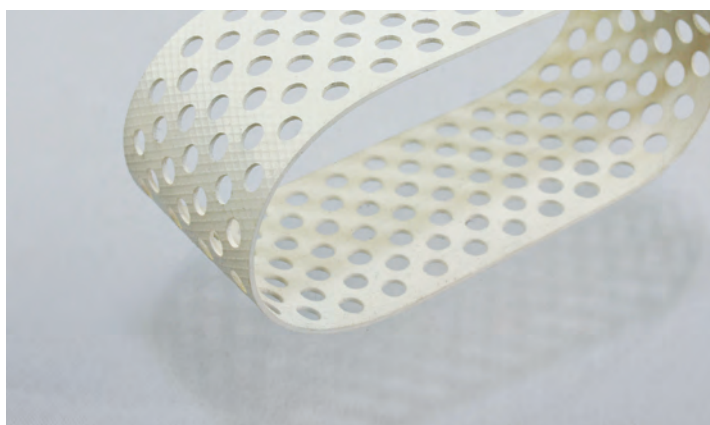
Advanced materials that offer strong, durable, and temperature resistant properties, coupled with unique manufacturing processes developed at Megadyne enable us to custom engineer belts for the most demanding drives across a wide range of product handling applications. Below is a listing of materials designed to offer superior benefits for use in industries ranging from business machines, to aerospace, to medical.

Manufacturing capabilities exist to spin cast, mould, wrap, ultrasonically weld, punch, grind, slit, and moulded materials to create virtually any endless belt configuration you can imagine.



| | FILM ULTRASONIC WELDING | | | SPIN CASTING | | VULCANISATION |
|-------------------------|-------------------------|---------------------|------------------------------|----------------------|-----------------------------|----------------------|
| Material | Mylar® | Kapton® | Hytrel® | Urethane | Silicone | Reinforced Silicone |
| Hardness (Shore A) | N/A | N/A | 30/40/50/60/70 | 60/80 | 55 | 40 |
| Colour | ○ | ● | ● | ●●●●● | ● | ●●● |
| Thickness Range | 0.003-0.014" | 0.001-0.005" | 0.010 to 0.040" | 0.020 to 0.125" | 0.5 to 12 mm | 1 mm |
| Working Temp Range (°C) | -70/+160 | -100/+380 | -40/+100 | -20/+80 | -40/+230 | -40/+230 |
| Water Resistance | Fair | Fair | Fair | Fair | Fair | Fair |
| Abrasion Resistance | Good | Good | Fair | Fair | Poor | Poor |
| OIL RESISTANCE** | Fair | Good | Good | Fair | Poor | Poor |
| FOOD CONTACT APPROVED | Yes | Yes | No | No | Contact Customer Support | |
| Other Benefits | Electrical Insulation | UL94 VO Fire Rating | High Flex Fatigue Resistance | Hydrolytic Stability | Low Coefficient of Friction | Heat/Cold Resistance |

Mylar®, Kapton® and Hytrel® are registered trademarks of DuPont



Perforations

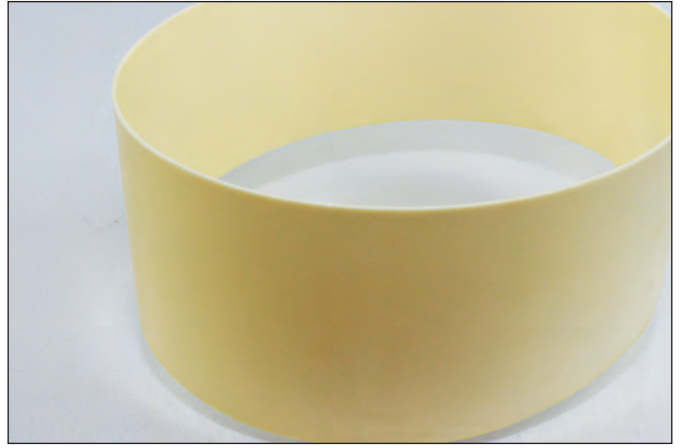


Urethane with tracking guide

ENGINEERED BELTS



Truly endless Kapton®



Truly endless Hytrel®



Truly endless Silicone



Reinforced Silicone with guide



Foam



Truly endless Hytrel® coated with Silicone








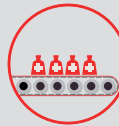


Truly endless Urethane with tabs



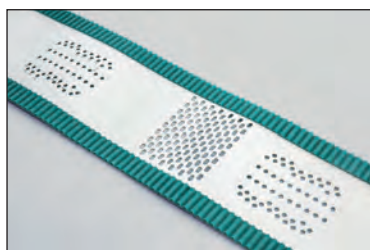
Truly endless dual durometer Urethane and Natural Rubber

HYBRID BELTS

Hybrid belts deliver synchronization and conveying features in one belt design. Starting with Megadyne conveyor belts we add extruded timing belts to provide precise positioning and accurate tracking. Hybrid, Hybrid Plus and Hybrid Pro belts are available with polyurethane or silicone covers and available with the following urethane belt pitches-H, T5, T10, HTD5, HTD8 STD8, QST5, QST8 and QST14. Consult Megadyne for other pitch and tooth shape requests

| TYPE | HYBRID | HYBRID PLUS | HYBRID PRO PLUS |
|--------------------------------|---|--|---|
| |  |  |  |
| CONVEYOR BELT | PUCON, SILCON | PUCON, SILCON | PUCON, SILCON |
| CONVEYOR BELT FABRIC | Rigid polyester | Rigid polyester | Rigid polyester |
| MEGALINEAR BELT TYPE AND PITCH | H, T5, T10, HTD5, HTD8M, STD8M | H, T5, T10, HTD5, HTD8M, STD8M | QST5, QST8, QST14 |
| MEGALINEAR CORD TYPES | Kevlar®, No cord | Kevlar®, No cord | Kevlar®, No cord |
| MEGALINEAR DUROMETER/COLOR | 92A White | 92A White | 92A White |
| MEGALINEAR NFT | Yes | Yes | Yes |
| # OF MEGALINEAR BELTS | One-centered, belt bottom | Two or more as per customer design | Two, belt edges |
| MAX BELT WIDTH | 1000mm | 1000mm | 1000mm |
| ADVANTAGES | <ul style="list-style-type: none"> • Driven speeds up to 500M/min. • Precision positioning • Energy savings • Enables compact conveyor designs • Low noise level | | |
| INDUSTRIES |      <div> Packaging Material handling Medical Industry Food Robotics & Automation </div> | | |

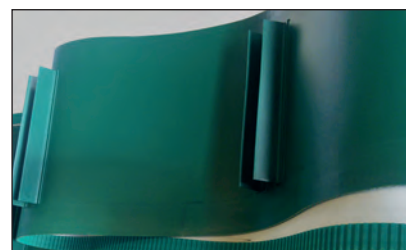
MAIN MODIFICATION AND SPECIAL REWORKING



Perforation & Holes



Perforation & Holes



Cleats

HYBRID BELTS FOR VACUUM

Hybrid Vacuum is a unique design where synchronization and an open mesh used for drainage or vacuum are combined into one belt design.



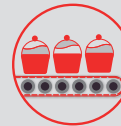
SPIRAFLEX

SPIRAFLEX are grid conveyor belts, specially used for the removal of the product in the hygienic machinery lines and for transport of fresh pasta and liquorice.

In the food industry, Spiraflex replaced the previously traditional metal wire mesh conveyor belts. In the case of conveying fresh pasta or dough, thanks to its properties, Spiraflex allows the steam sprayed by the machinery inside a tunnel, to eliminate the residual flour of the product.

In the case of liquorice transport Spiraflex resists to the steam used to get a glossy finish on the surface of product.

| TYPE | HYBRID VACUUM |
|--------------------------------|---|
| |  |
| CONVEYOR BELT | Polyester open mesh with PUCON |
| CONVEYOR BELT FABRIC | Rigid polyester |
| MEGALINEAR BELT TYPE AND PITCH | H, T5, T10, HTD5, HTD8M, STD8M |
| MEGALINEAR CORD TYPES | Kevlar®, No cord |
| MEGALINEAR DUROMETER/COLOR | 92A White |
| MEGALINEAR NFT | Yes |
| # OF MEGALINEAR BELTS | Two, belt edges |
| MAX BELT WIDTH | 1000mm |
| ADVANTAGES | <ul style="list-style-type: none"> • Driven speeds up to 500M/min. • Precision positioning • Energy savings • Enables compact conveyor designs • Open mesh allows vacuum or drainage |
| INDUSTRIES |      |

| SPIRAFLEX |
|---|
|  |
| Spiraflex |
| Polyester |
| H, T5, T10, HTD5, HTD8M, STD8M |
| Kevlar®, No cord |
| 92A White |
| Yes |
| Two, belt edges |
| 2000mm |
| <ul style="list-style-type: none"> • Excellent suction properties • Customization • Low weight |
|   |

COATING SILICONE AND NEOPRENE

Megadyne has developed state of the art processes for applying silicone and neoprene to stable and elastic substrates. Ongoing investments in automation with a strategic focus on process controls and high quality repeatability have been made. Through continuous material feed, increased speeds, line efficiency and operator engagement with screen panel controls, we are able to maintain extremely tight manufacturing tolerances and high quality standards.

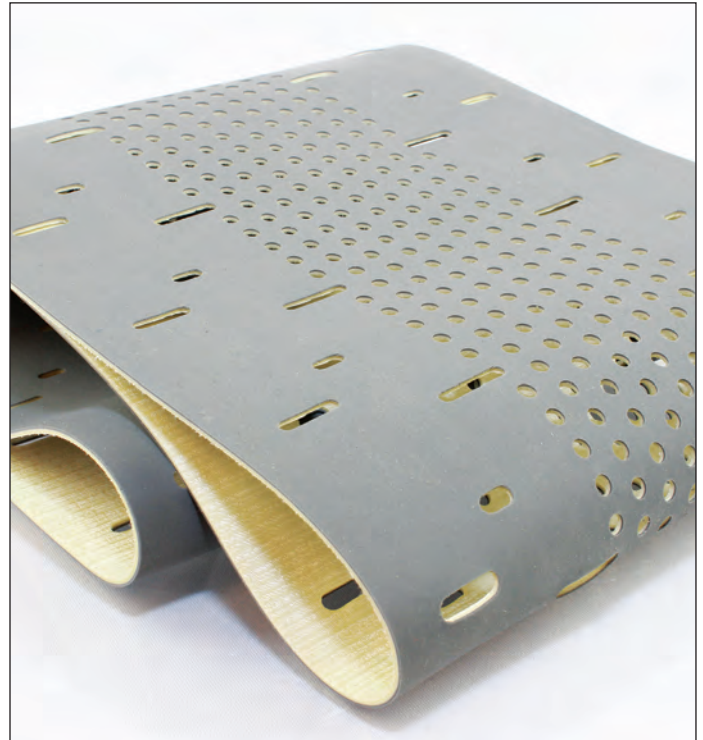
Coated belts are commonly used in product handling applications where environmental or special handling features are needed. Additionally, a thin coating on certain substrates allow for the finished product to offer low flex enabling the belt to be used on low profile conveyors where designs such as knife edge pulleys are common.

FDA Silicone allows use of our product in applications such as hygienic goods and medical related parts and components. Silicone is an excellent cover material where the use of glues and adhesives are present in product manufacturing and require easy release and clean up. Silicone also has excellent heat resistance making it an ideal solution for applications in high heat environments.

Neoprene rubber can be formulated to provide good chemical and wear resistance, anti-static features and self-extinguishing (UL94V) non-flammable properties for use in precision conveying applications. Our neoprene rubber covers can be applied to various substrates.

Both Silicone and Neoprene coated products can be further customised with modifications such as holes and slots to meet application needs such as vacuum draw

| Material | RTV Silicone | Neoprene |
|--|---|---|
| Hardness (Shore A) | 40, 70 (25-70 capable) | 55 |
| Colour |  |  |
| Thickness Range (mm) | 1-10 | 0.5-1 |
| Working Temp Range (°C) | -40/+230 | -20/+120 |
| Abrasion Resistance | Good | Very Good |
| Oil Resistance | Poor | Good |
| FOOD CONTACT APPROVED | yes* | – |
| Rubber Timing Belts | yes | yes |
| Molded PU Timing Belts | yes | yes |
| Open End TPU Timing Belts | yes | yes |
| Truly Endless Flex TPU Belts | yes | yes |
| Rubber Multi-Rib V- Belts | yes | yes |
| Urethane Multi-Rib V-Belts | yes | yes |
| Rubber Banded V-Belts | yes | yes |
| Rubber Flat Belts | yes | yes |
| Woven & Knitted Polyester | yes | yes |
| Woven Kevlar® | yes | yes |
| Engineered Belts | yes | – |
| Foams | yes | – |
| *Contact Customer Support for Details Kevlar® is a registered trademark of DuPont | | |



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