



Can Manufacturing

Specific Product Range

A wide range of products for all your requirements

Using our extensive experience and innovation within the conveyor and plastics industry, **Movex** and Oadby are pleased to introduce new and proven solutions for the Can Manufacturing Industry.

Our complete package includes belts, chains, extrusions, conveyor components and machined parts manufactured to the highest quality standards.

This ability, combined with standard and specially developed materials, allows more choice than ever for our customers. With UK stocks and support, backed up by dedicated technical support both in the UK and Italy we aim to meet the increasing technical demands of the industry.

Specific product range for can manufacturing:

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High-quality bright white extrusions



Titanium White is the new **Movex** extrusion compound that replaces the standard white UHMW-PE. The name Titanium White refers to the special metal because it has comparable unique properties, like high strength and optimum performance, generating low friction, absorbing heat and reducing energy consumption.

Thanks to the Titanium White characteristics, the extruded profiles are now made of an intense white, UHMW-PE resulting in a smoother surface and devoid of push marks.

Titanium White is available for any type of profile, standard or custom!

22 $3d^24s^2$

Titanium

47.867

Strong metal with low density that is quite ductile, lustrous and metallic white in color.

All these features reflect our extruded profiles with **Ti-White** compound.

- NEW FEATURES**
- | **High wear and chemical resistance**
 - | **Reduced coefficient of friction**
 - | **Reduced moisture absorption**
 - | **Better lubricant distribution**
 - | **Lower energy consumption**
 - | **Improved dimensional stability**
 - | **Improved UV & aging resistance**



Properties White **UHMW-PE** (Previous compound)

- Molecular density 5,600,000 g/mol.
- Operating temperature: -40 to + 80°C (-40 to 176°F)
- Linear expansion coefficient: $2 \times 10^{-4} \text{C}^{-1}$ ($1.1 \times 10^{-4} \text{F}^{-1}$)

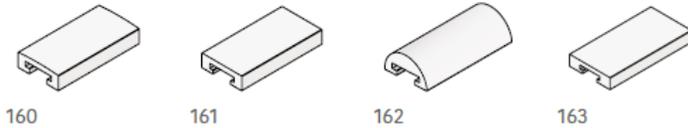


Properties **Titanium White** (New compound)

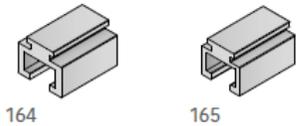
- Molecular density 9,200,000 g/mol.
- Operating temperature: -40 to + 80°C (-40 to 176°F)
- Linear expansion coefficient: $2 \times 10^{-4} \text{C}^{-1}$ ($1.1 \times 10^{-4} \text{F}^{-1}$)

Extruded Profiles More different profile executions as well as machined curve-tracks available

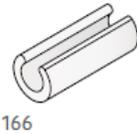
Profile for aluminium guide



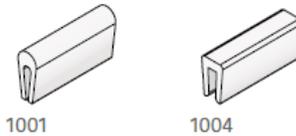
Aluminium guide



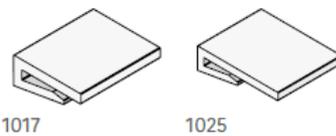
Profile for steel rods



Bar cap



J-profile



UHMW-PE

Standard profiles are all made with a first-rate **UHMW-PE** Polyethylene, this type of choice offers a good compromise between performance and price. The colors available are black, green, grey and blue.

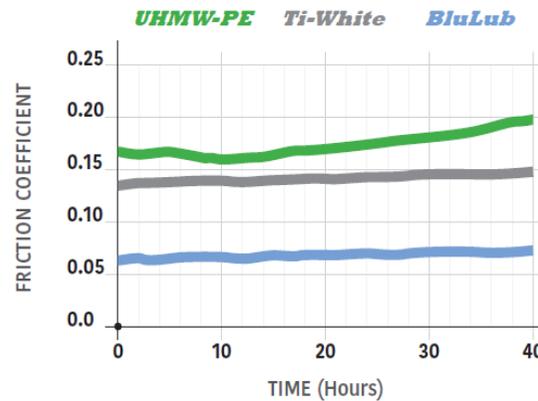
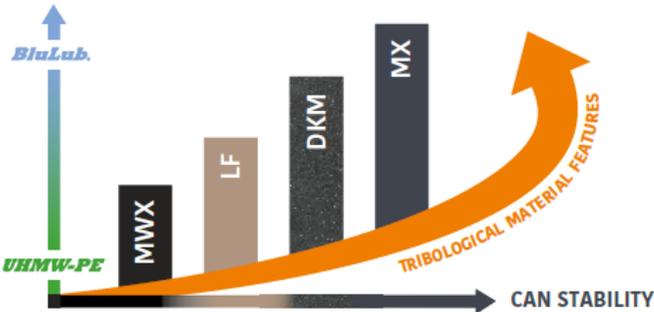
- Molecular density 5,600,000 g/mol
- Operating temperature: -40 to + 80°C (-40 to 176°F)
- Linear expansion coefficient: $2 \times 10^{-4} \text{C}^{-1}$ ($1.1 \times 10^{-4} \text{F}^{-1}$)

BluLub®

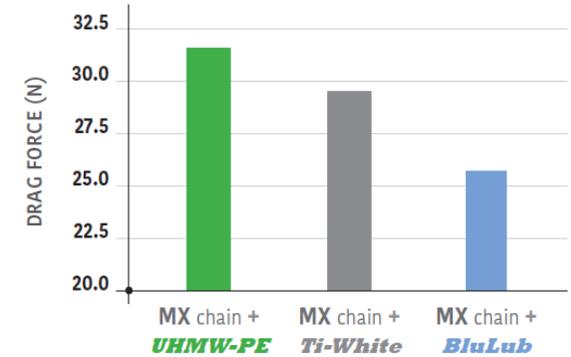
BluLub is a super-performance compounded UHMW-PE material with the latest generation of solid lubricants, contributes to improve PV-properties, especially in applications with limited lubrication, higher speeds and/or higher loads.

- Molecular density 9,200,000 g/mol.
- Operating temperature: -40 to + 80°C (-40 to 176°F)
- Food contact certified

CAN PROTECTION



Friction effect - Comparison table



Drag forces effect - Comparison table

Bearings Supports

UCFL Series



UCF Series



UCFA Series



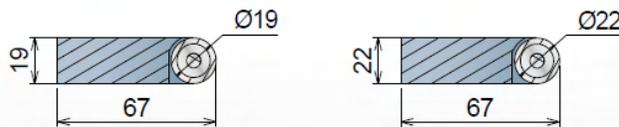
- Housing in reinforced polyamide, with higher load capacity and good resistance to corrosive chemicals such as water, oils, petrol and alcoholic beverages. All our bearings can be used at temperatures between 0°C and +80°C.
- Ball bearings are made in chrome steel (also available, upon request in stainless steel). Max misalignment between shaft and housing: 2.5°.
- Grease nipple are made in nickel plated steel, but they can also be made in stainless steel on the stainless steel bearing.
- Spacers from nickel plated brass to reinforce fixing holes.
- Washer stainless steel.

Standard insert, sealed, include also: Clip-on safety cap in PP / Rotary shaft seal ring in NBR rubber / O-ring in NBR rubber.

Transfer Plate - One Piece

Single Piece | Improved Strength | Fast Maintenance | Greater Hygiene | Easy Clean | Less Fixing Point

The One piece patent, thanks to the new coupling system minimise the time necessary for the maintenance and allow the possibility to create a “one-piece”, easy to clean and guarantee for a greater hygiene.



Version available: with Bearings & with Roller



Made in **BioLub**.
Rollers: Stainless steel

Leveling Pads

910-918 Standard
Ø80 - Ø100 - Ø120



943-947
Ø110



953-957 Basic
Ø80 - Ø110

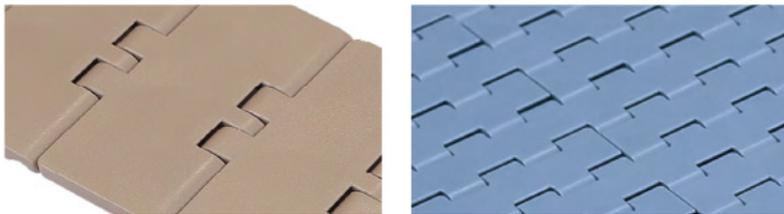


Our leveling pads engineered and manufactured to strict standards, are available in different models and materials, including:

- Plate
Polyamide or Stainless steel.
- Spindle
Polyamide, Stainless steel or Zinc plated steel.

Available Materials

LF-LFA

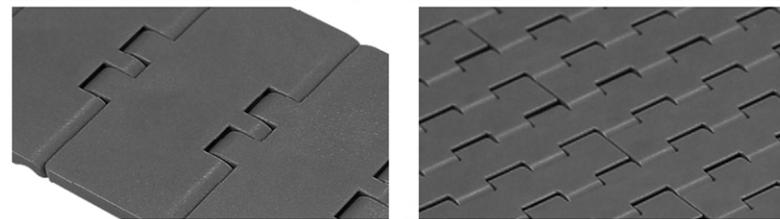


Composition: Low friction Acetal resin **Primary Components:** POM
Colour: Light Brown for Chains, Pigeon Blue for Belts

- Low friction Polyacetal
- High performance material
- High working load

✓ PWIS FREE

MX



Composition: Extra performance material **Primary Components:** PBT
Colour: Grey

- Low coefficient of friction
- Higher operating temperatures possible
- Reduced energy consumption
- Minimal dusting specific at higher operating speed

DKM



Composition: Aramide reinforced Acetal material **Primary Components:** POM
Colour: Dark Grey

- Suitable for highly abrasive applications

✓ PWIS FREE

MWX



Composition: Low friction Polyamide composite **Primary Components:** Nylon
Colour: Black

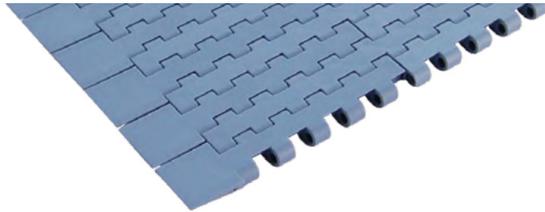
- High wear-resistance

✓ PWIS FREE

Modular Belts

520 Series

Closed Surface



FLAT TOP

0.5 inch / 12.7 mm PITCH

Module Thickness: 8.7 mm
Width increments: 85 mm

Material available:

- LFA
 - DKM
 - MWX
 - MX
- ✓ PWIS FREE



520 Series

Open Surface 25%



FLUSH GRID

0.5 inch / 12.7 mm PITCH

Module Thickness: 8.7 mm
Width increments: 85 mm

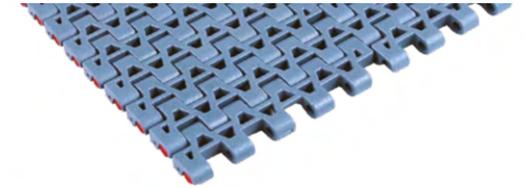
Material available:

- LFA
 - DKM
 - MWX
 - MX
- ✓ PWIS FREE



525 Series

Open Surface 35%



FLAT TOP

0.59 inch / 15 mm PITCH

Module Thickness: 8.7 mm
Width increments: 3 inch / 76.2 mm

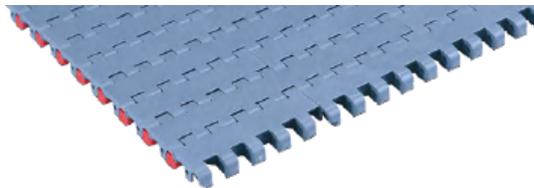
Material available:

- LFA
 - DKM
 - MWX
 - MX
- ✓ PWIS FREE



590 Series

Closed Surface



FLAT TOP

0.75 inch / 19.05 mm PITCH

Module Thickness: 8.7 mm
Width increments: 3" / 76.2 mm

Material available:

- LFA
 - DKM
 - MWX
 - MX
- ✓ PWIS FREE

ONE TRACK BELT

0.75 inch / 19.05 mm PITCH

Available version:
K325 | K450 | K750

Material available:

- LFA
 - DKM
 - MWX
 - MX
- ✓ PWIS FREE

550 Series

Closed Surface



FLAT TOP

1 inch / 25.4 mm PITCH

Module Thickness: 8.7 mm
Width increments: 85 mm

Material available:

- LFA
 - DKM
 - MWX
 - MX
- ✓ PWIS FREE

ONE TRACK BELT

1 inch / 25.4 mm PITCH

Available version:
K330

Material available:

- LFA
 - DKM
 - MWX
 - MX
- ✓ PWIS FREE

550 Series

Open Surface 25%



FLUSH GRID

1 inch / 25.4 mm PITCH

Module Thickness: 8.7 mm
Width increments: 85 mm

Material available:

- LFA
 - DKM
 - MWX
 - MX
- ✓ PWIS FREE

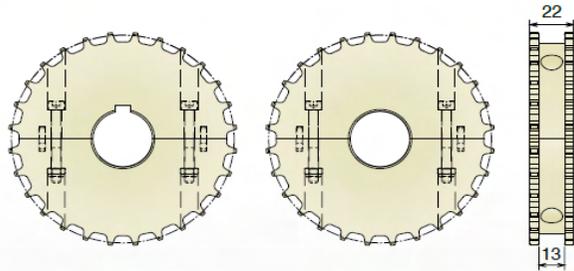


Belts Sprockets

520 Series

Sprocket Machined

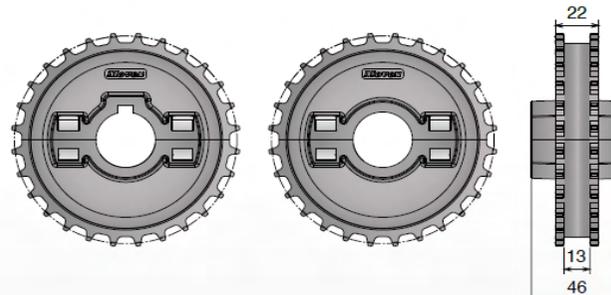
Material: Polyamide
Screws: Stainless steel
Nuts: Zinc plated steel



520 Series

Sprocket Molded

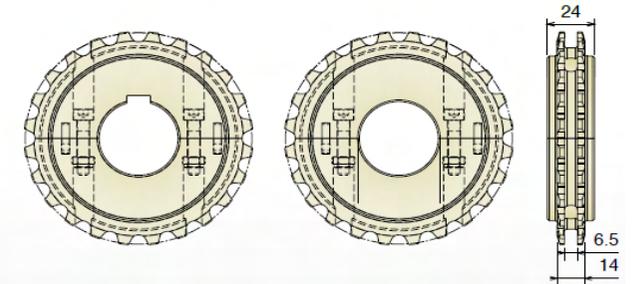
Material: Polyamide reinforced
Screws: Stainless steel
Nuts: Zinc plated steel



530 Series

Sprocket Machined

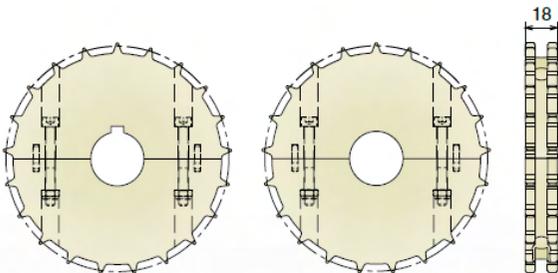
Material: Polyamide reinforced
Screws: Stainless steel
Nuts: Zinc plated steel



590 Series

Sprocket Machined

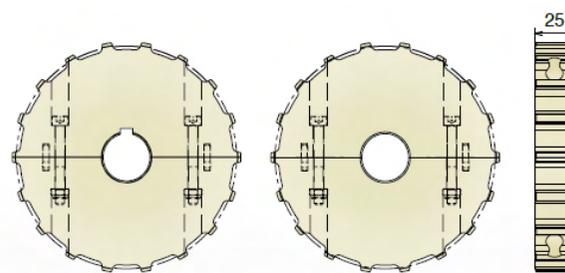
Material: Polyamide
Screws: Stainless steel
Nuts: Zinc plated steel



550 Series

Sprocket Machined

Material: Polyamide
Screws: Stainless steel
Nuts: Zinc plated steel



550 Series

Sprocket Molded

Material: Polyamide reinforced
Screws: Stainless steel
Nuts: Zinc plated steel

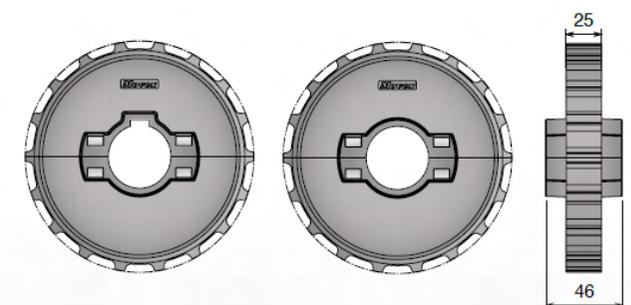
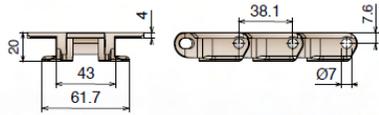


Table Top Chains

880 TAB Series

Side Flexing Chain



Width available:
K325 | K330 | K450

Material available:

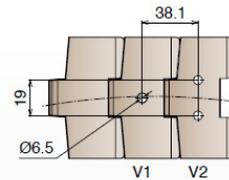


✔ PWIS FREE

880 TAB Series

Side Flexing Chain

VACUUM



Width available:
K325 | K450

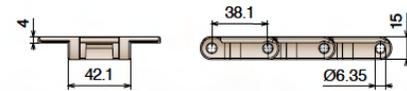
Material available:



✔ PWIS FREE

828 Series

Straight Running Chain



Width available:
K325 | K330

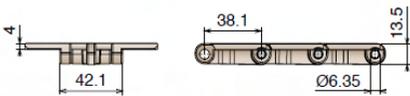
Material available:



✔ PWIS FREE

820 Series

Straight Running Chain



Width available:
K325 | K330 | K350 | K400
K450 | K600 | K750

Material available:

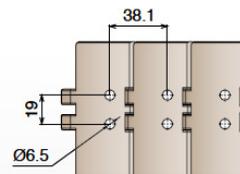


✔ PWIS FREE

820 Series

Straight Running Chain

VACUUM



Width available:
K325 | K450

Material available:

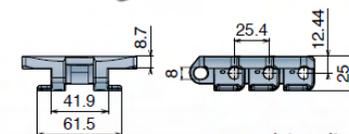


✔ PWIS FREE

260 Series

Side Flexing Belt / Chain

TAB Version



Width available:
K330 | K450

Material available:



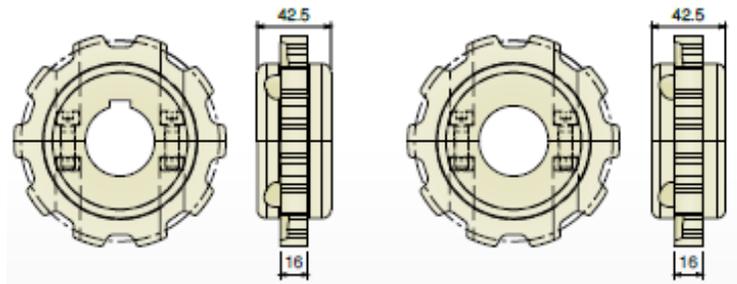
✔ PWIS FREE

Chains Sprockets

880 TAB / 828 Series

Sprocket Machined

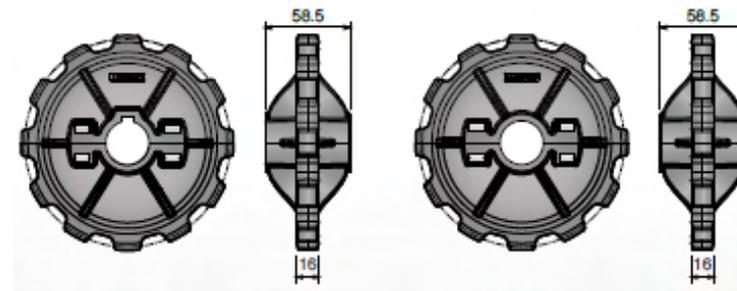
Material: Polyamide
Screws: Stainless steel / Nuts: Zinc plated steel



880 TAB / 828 Series

Sprocket Molded

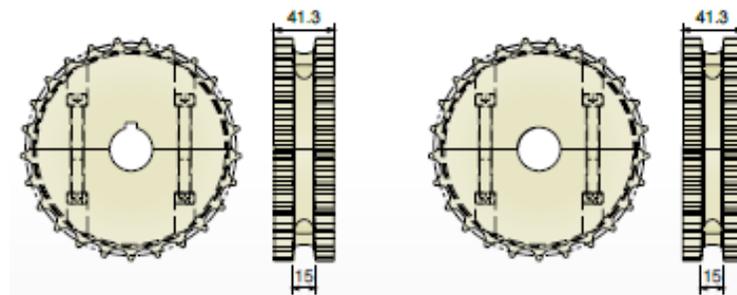
Material: Polyamide reinforced
Screws: Stainless steel / Nuts: Zinc plated steel



820 Series

Sprocket Machined

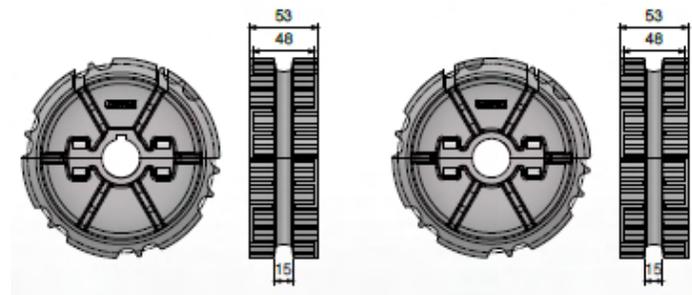
Material: Polyamide
Screws: Stainless steel / Nuts: Zinc plated steel



820 Series

Sprocket Molded

Material: Polyamide reinforced
Screws: Stainless steel / Nuts: Zinc plated steel



Machining Capabilities

As one of the largest plastics machining facilities in the UK, with over 75,000 sq. ft. dedicated to the very latest in specialist bespoke machining, Oadby Conveyors offer a comprehensive service for the food and beverage industry.



Metal Detectable (MD) Plastics

Reduces the possibility of food contamination and all related financial and image risks to a business.



Scrolls And Change Parts

A comprehensive range of feed-worms, star-wheels and change parts supported by shadow boards.



PE UltraPlus[®] Conveyor Curves

Improving your return on investment by offering longer productive cycles between maintenance.



Machine Guarding

A bespoke service to replace or improve any machine guarding, in materials such as PETG and Polycarbonate.



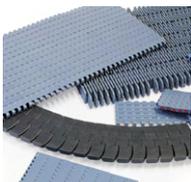
Conveyor Components

Offering a complete range of high quality conveyor components available from stock.



Conveyor Guides And Extrusions

We offer over sixty profiles available in various colours, complemented by a choice of wear resistant materials.



Chain And Modular Belts

We offer a complete range of table top chains/ modular belts for food, beverage and engineering industries.



CNC Production Facility

Our comprehensive machining facility offers the ability to deliver bespoke parts to customer specifications.

www.oadbyconveyors.co.uk



the people for conveyors

in partnership with ***Movex***[®]

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