

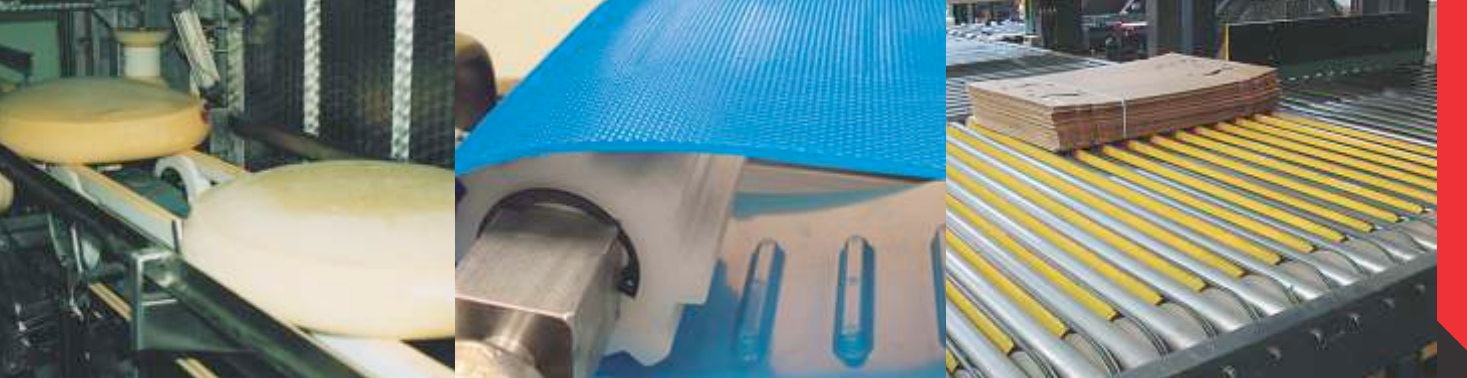


LIGHT MATERIALS HANDLING

Products & Services Overview







Plastic Belts

'Easy installation in a broad range of applications'

FEATURES

- Plastic materials extruded into flat, round, V and other application specific forms
- Homogenous positive drive belts
- Thermo-welded for easy installation for customised lengths
- A full range of special covers for specific applications
- Available in various shore hardnesses for specific application requirements in solid PUW round and hollow round from 2mm to 20mm diameter
- Tools and accessories

TYPICAL APPLICATIONS

- Roof tile & ceramic conveying
- Bottling, manufacturing & handling
- Canning
- Citrus sizing
- Roller covering & drive bands
- Light power transmission
- Meat, fish & poultry industry
- Furniture / wood industry





Endless Woven Belts

'No seam, no splice – that makes the difference'

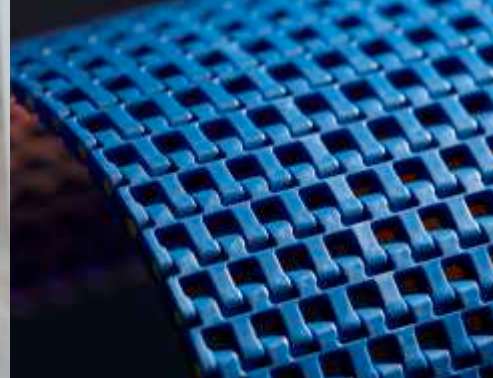
FEATURES

- No splice in the completely seamless endless fabric, together with tight tolerances and suppleness results in constant line speeds
- The executions with Ropan BS are very wear resistant
- Good oil and fat resistance as well as resistance to Sulphur and Ozone
- High friction between belt and material to be pulled
- High force at low elongation, no stretching
- Options include fabrics made of numerous natural and synthetic yarns customised with a wide variety of coatings and profiles
- -80°C to +500°C temperature range
- Belt tensions up to 1000N/mm belt width and belt speeds up to 1200M/min

TYPICAL APPLICATIONS

- Belts for cable pulling
- Belts for metal wrapping
- Belts for wood pre-pressing
- Leather industry
- Textile industry
- Plastic and glass industry





Modular Belting

'Intelligent modular belt solutions'

FEATURES

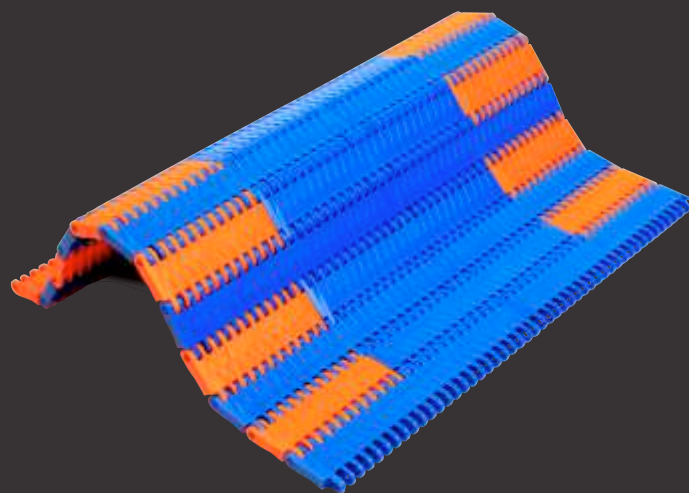
- Assembled in a brick-layed pattern for optimum strength and can be built into virtually any length or width
- Available with flights and side guards and secured with full length plastic or steel hinge pins
- A number of module materials suitable for contact with open food stuffs and conform to FDA and EU standards
- Materials include Polypropylene, Polyethylene and Polyoxymethylene to suit a wide range of applications with specific temperature and chemical resistant requirements
- High temperature and flame retardant materials also available

ADVANTAGES

- Modular concept means easy installation and repairs within minutes
- Easy to clean and maintain with minimal downtime
- Positive sprocket drive with superior belt alignment

TYPICAL APPLICATIONS

- Bottling & canning
- Fruit & vegetable processing
- Automotive & steel stamping
- Fish, meat & poultry processing
- Snack foods, biscuit & bakery
- Tyre industry
- Packaging





High Performance Flat Belts

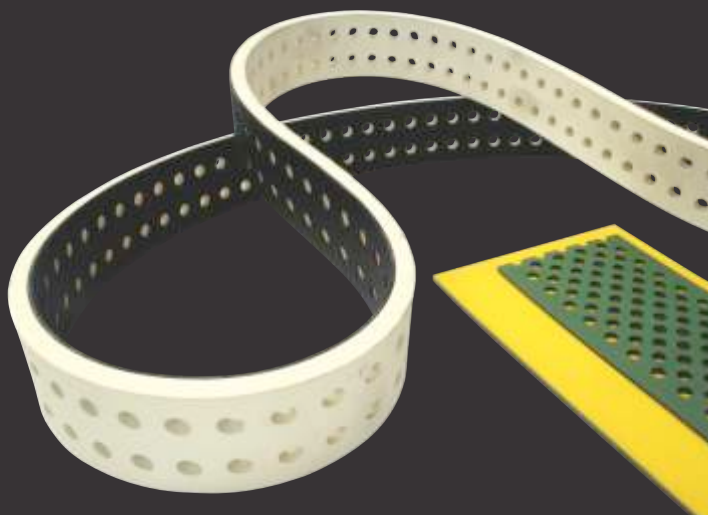
'When speed and flexibility are vital in your production'

FEATURES

- New FDA approved folder gluer belts
- Longitudinal flexibility
- Excellent abrasion resistance and constant coefficient of friction to guarantee uniform and stable speed transmission
- Stable modulus of elasticity after running-in
- Permanent antistatic belting available
- Elastic belting available
- Surface covers include fabric, leather, natural rubber, elastomer and thermoplastic coatings
- Long service life and high production output
- Maintenance free
- Extended bearing life
- UltraFeed feeder and vacuum belts for the paper and postal industry
- Shock load and vibration absorbing
- A choice of Polyamide strengths to give you the most efficient belt for your drive
- Quick melt types reduce installation time down to just a few minutes
- Energy saving
- This range of belting is certified according to the ISO 9001/EN 29001 quality standards

TYPICAL APPLICATIONS

- Wood working industry
- Power transmission
- Print and graphics
- Paper production
- Packaging
- Postal industry
- Logistics industry
- Tube winder
- Textile industry





Belt Fasteners

'Splicing and conveyor solutions'

MR MINI RECORD

FEATURES

- Pre-set staples
- 1 punch action
- Staples fold flat on return side
- Low friction

SL SELF-LOCK

FEATURES

- 1 Piece construction
- 4 sizes all interchangeable
- Unique tucked away self guiding recess

SL TOOL

FEATURES

- Robust 1 piece construction
- Portable & user friendly
- Open ended for wider belts
- 1 tool fits all 4 Self Lock sizes

TYPICAL APPLICATIONS

- Packing, parts & baggage handling
- Food processing
- Hay bailing
- Filter media
- Checkout counters

CLIP 'n LOCK

FEATURES

- Low profile flush fit
- Troughable
- Multiple off-set grip points give 15% higher strength
- Fits existing tools



HIGH PERFORMANCE
BELT FASTENERS



Plied Rubber Belting

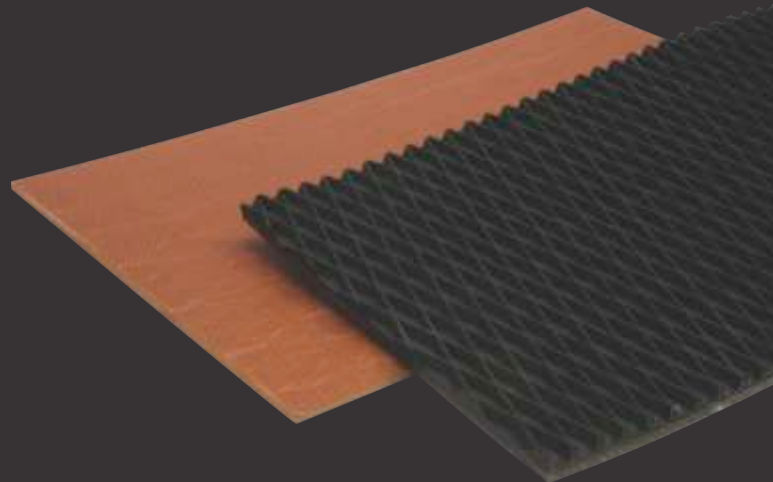
'For all industrial and logistics applications'

FEATURES

- Our range of light duty Belting Solutions branded rubber belting is manufactured and tested according to internationally recognised standards with requirements equal or exceeding our local standard requirements. The standard we specify as a minimum requirement is SANS 1173
- A comprehensive range of plied rubber conveyor belts for all industrial, agricultural and logistic handling applications.
- Our extensive range of heavy weight rubber covered conveyor belting includes the following Grade standards: N, M, Oil and Heat resistant for various applications
- Moulded Chevron profiled belting for inclined conveying of loose materials
- BMG Belting offers the conveyor belting to the market with the standard manufacturer's warranty of 12 months against faulty workmanship and materials. Any failures due to mechanical interference will not be covered under this warranty

TYPICAL APPLICATIONS

- Inclined conveying of loose materials
- Sugar & food industries: white food grade belting
- Paper and Pulp manufacturing
- High temperature applications
- Wood chip plants
- Quarry and brick yards
- Steel and aluminium manufacturers
- Mining
- Cement





Conveyor & Processing Belts

'Longer distances in shorter time'

FEATURES

- A wide selection of strength ratings to suit any structure or application
- Very low elongation properties to ensure no re-tensioning of belt required
- Good running performance and tracking properties
- Unique cover profiles to easily convey different types of product
- Various cover properties to ensure very long life expectancy:
 - Mechanical strength
 - Chemical resistance
 - Thermal fluctuation
 - Frictional
 - Non-stick
 - Non-fray
- Low noise bottom cover fabric
- Countless unique speciality belts including treadmill belting

TYPICAL APPLICATIONS

- General transport & logistic centres
- Food processing
- Paper & corrugated board manufacturing
- Airport & baggage handling
- Particle board and timber industries
- Textile and non-woven equipment
- Tobacco processing
- Pack house & agricultural industry
- Fitness equipment

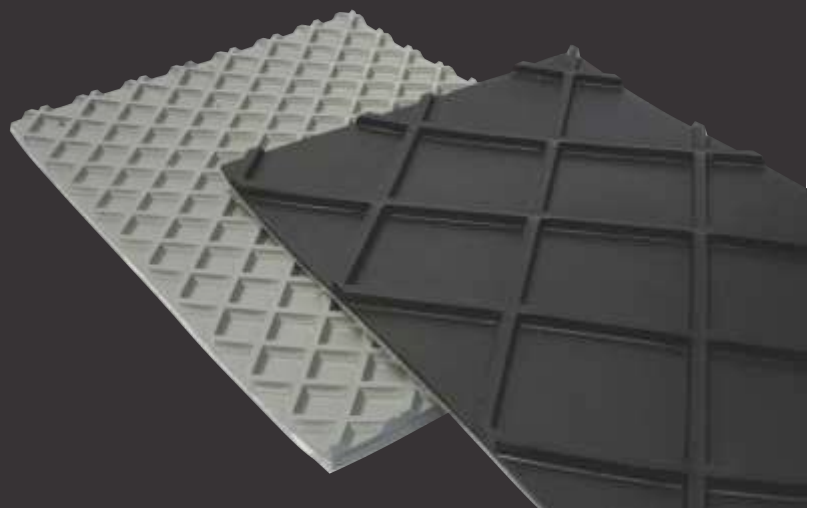
COVER TYPES

- Flexam – General purpose conveying
- Nonex – FDA approved for food processing
- Pletex – Wear resistant for the Paper and Print industry
- Ropanyl – FDA approved for food processing
- Ropan – Wear and cut resistant for the metal and brick industries
- Peflex – For the tobacco industry
- Felt – Low noise and cut resistant for the logistic and bakery industries
- Fabric – low friction for the logistic and bakery industries
- Silam – Chemical resistance and high release properties for the food and chemical industries

ACCESSORIES

A range to create specific processing solutions

- Numerous coatings, covers and colours
- Tracking profiles and guide strips
- Holes and grooves
- Closed AMSeal edges
- Sidewalls and cross cleats
- High frequency attachment capabilities





Food Quality Conveyor Belts

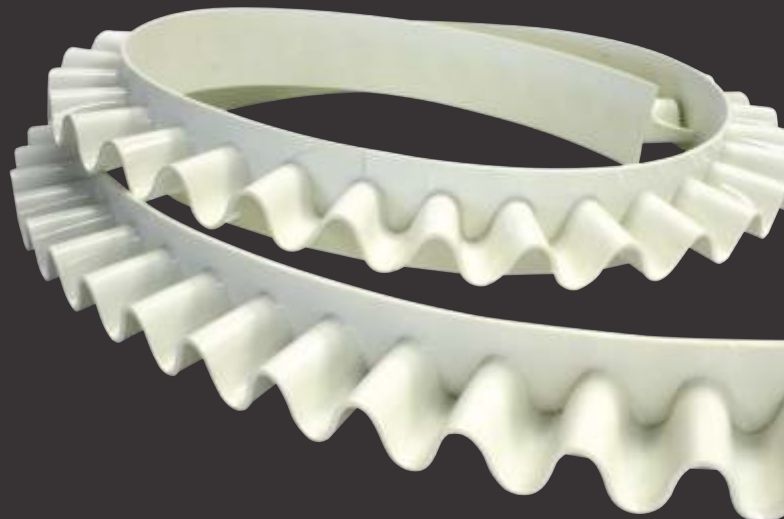
'The intelligent solution to support the food and processing industry'

FEATURES

- Our range of homogeneous structured belts reduces the use of water and chemicals for cleaning
- Sanitation time is drastically reduced and eliminates the need for high pressure spraying
- Homogeneous belts allow for easy fitment of cleats, profiles and special covers to meet the customers demand
- We also offer a wide range of high quality synthetic conveyor belts renowned for use in the food industry where compliance to food legislation is necessary
- Excellent release of sticky products
- Excellent oil and chemical resistance
- Easy fitment of profiles, cleats and sidewalls by means of our in house High Frequency welding machine
- Easy to clean
- Belts can cope with very small pulley diameters (nose bars), compact design
- Low energy consumption
- HACCP support (HACCP = Hazard Analysis and Critical Control Points)

TYPICAL APPLICATIONS

- Confectionery industry, manufacturing chocolates, sweets, candy & bubble gum.
- Fruit and vegetable industries
- Food processing and canning plants
- Meat, Fish and Poultry processing
- Bakery and Biscuit industries





New PEAK range of food grade silicone and ptfe coated process and conveyor belts for the food industry

RANGE OVERVIEW:

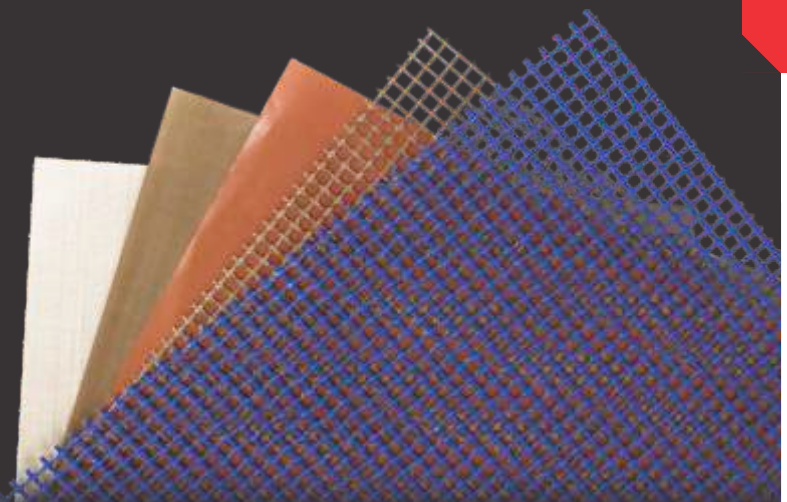
- Standard Fibreglass – Peak PTFE 100 – available in various thicknesses from 0.08mm to 0.69mm
- Premium Fibreglass – Peak PTFE 100 – various thicknesses as above
- Standard Fibreglass S – Peak PTFE 100 – available in 0.08mm, 0.127mm, 0.15mm and 0.254mm thicknesses
- Double Weft 4x4 Blue – Peak PTFE Mesh RV30 – available in 0.8mm thickness
- Glass 4x4 Brown – Peak PTFE Mesh 30-89 – available in 0.76mm thickness
- DXL Fibreglass – Peak PTFE 100 – available in various thicknesses from 0.08mm to 0.03mm
- Mesh K64-515 1x1 – Peak PTFE Kevlar – available in 0.9mm thickness
- K50-600 – Peak PTFE Kevlar – available in 0.43mm thickness
- Si Fibreglass – Peak White – available in various thicknesses from 0.177mm to 0.89mm

BENEFITS:

- Excellent release properties for sticky, flour-based doughs, sugar coated or sugar based products
- Very low friction
- High abrasion resistance
- Working temperatures:
 - Heat resistant up to +260°C
 - Cold resistant down to -70°C
- Chemically inert – even at extreme temperatures or when in contact with most corrosive chemicals
- Optimal airflow due to open mesh design
- Easy cleaning due to non-stick PTFE coating
- EC 1935/2004 and FDA food-grade compliant

TYPICAL APPLICATIONS:

- Wide variety baking processes
- High temperature baking ovens
- Press baking processes for products
ie: Pizza bases and flatbreads
- Open-flame baking
ie: Ethnic breads such as pita breads
- Cryogenic freezing





Engineered Belts

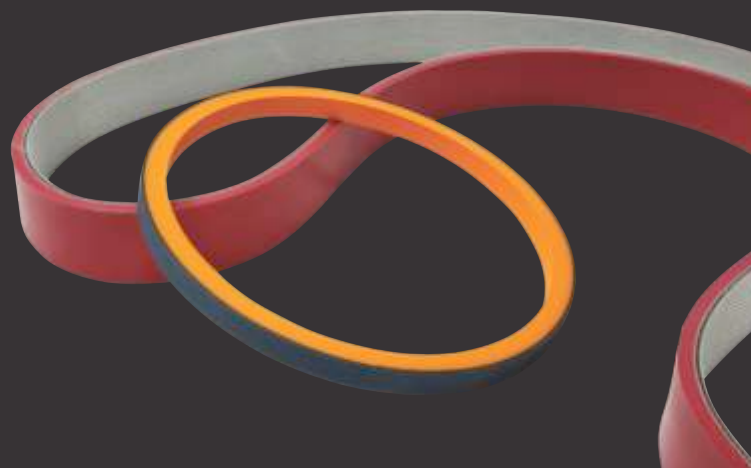
'Customised to meet your individual requirements'

FEATURES

- Extensive range of belts and covers are used in special fabrication techniques to suit the most arduous physical extremes
- Wide range of coating materials with different hardness and friction coefficients including high abrasion, non-marking and FDA approved
- Volume flexibility
- Infinite customisation possibilities
- Accurate tolerances
- Matched speed between two belts when used as a set
- Equal thickness over belt length and width
- Longitudinal profiles and other fabrication possibilities
- Heat and chemical resistance against plasticisers
- Wide range of force/elongation reinforcements
- Accurate precise edges
- CNC precision fabrication

TYPICAL APPLICATIONS

- Engineered cable pulling belts
- Folder gluer & feeder belts
- Postal feeder belts
- Pull down belts
- Sausage manufacturing belts
- Wrapper belts in the metal industry





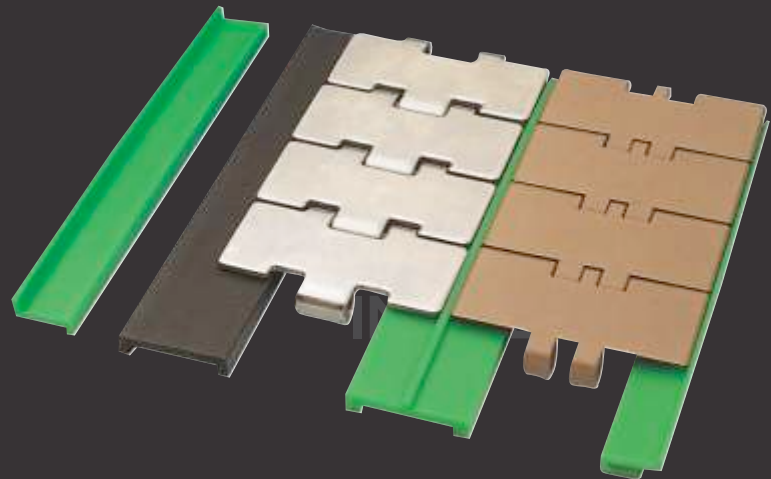
Light Duty Conveyor Chain & Components

TYPES

- Flat top chain
 - Stainless steel for glass handling, abrasive or heavy duty applications
 - NG (New Generation) engineered plastic for beverage / bottling and non-lubricated applications
- LBP (low back pressure chains)
- Case and crate conveyor chains
- Straight running
- Side flexing
- Speciality models
- Nolu-S wear strips and guides
 - Self lubricating
 - Low noise
 - Reduced power consumption
- Rubber Inserts for:
 - Elevators
 - Lowerators
 - Stop-belt
- Conveyor components
 - Guides
 - Feet
 - Brackets
 - Handles
 - Clamps
- Rubber return rollers
- Sprockets and idlers

TYPICAL APPLICATIONS

- Bottling
- Packaging



ENGINEERED BELTS
LIGHT DUTY CONVEYOR
BELTS



Belting Services

'Your 24 hour 7 day a week service specialists'

INFORMATION

- All on site and workshop based Transmission & Synthetic presses digitally controlled for optimum splice quality
- Cold on site light duty rubber splicing.
- High Frequency welded PVC cleats, profiles and sidewalls
- Local assembly of modular belts
- Various splicing techniques to suit the customer's individual conveyor structural needs
- Roller covering / Lagging of drive pulleys and rollers utilizing a range of various products:
 - Diamond
 - Pimple
 - Smooth
 - Food grade rubber products





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