

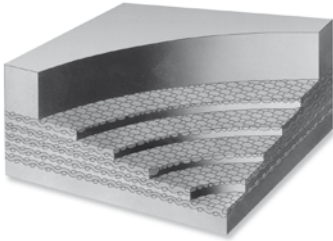


***PRODUCT RANGE***

*THE WORLD STANDARD IN QUALITY AND RELIABILITY*

## MULTI-PLY BELTING

### SUPERFORT®



The highly versatile Dunlop Superfort® belt has a tried and tested carcass construction with outstanding reliability and durability and particularly good 'low elongation' characteristics. Available from stock in several multi-ply versions, Superfort belts provide a multifunctional solution for a wide variety of applications, from light duty such as baggage handling at international airports to the heaviest of service conditions, especially where aggregate or bulk materials are being carried.

#### APPLICATION AREAS

Superfort is successfully used in a wide cross-section of industries, including cement, chemicals & fertilizers, mining, quarries, wood, paper and pulp, recycling, steel, sugar & food and transshipment.

#### CARCASS CONSTRUCTION

The Superfort carcass is available with either 2, 3, 4, 5 and 6 ply synthetic EP (Polyester-Nylon) fabric plies. EP fabrics are strong, impervious to moisture and have a low elongation.

#### BELT WIDTH AVAILABILITY

Available in standard widths from 400 mm up to 2200 mm.

#### COVER GRADE QUALITY OPTIONS

Superfort belting can be supplied in all Dunlop cover qualities including heat resistant, abrasion resistant, oil and fat resistant and fire resistant.

#### BELT EDGES

Available with either moulded or cut (sealed) edges.

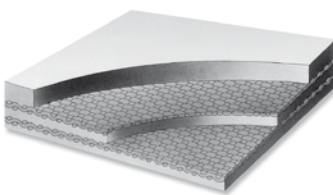
#### BELT TYPES

S 250/2		
S 315/2		
S 400/2	S 400/3	
S 500/3	S 500/4	
S 630/3	S 630/4	S 630/5
S 800/3	S 800/4	S 800/5
S 1000/4	S 1000/5	S 1000/6
S 1250/4	S 1250/5	S 1250/6
S 1600/4	S 1600/5	S 1600/6
S 2000/4	S 2000/5	S 2000/6
S 2500/5	S 2500/6	



For more detailed technical information regarding this product please ask for a copy of the applicable technical datasheet.

### DUNLOFLEX®



Dunloflex® is designed to the highest standards for use with all types of bulk material transportation under light to medium-heavy service conditions. For instance, mining, stone and earth handling and building industries. Dunloflex conveyor belts have particularly good low elongation characteristics that provide a reliable, multifunctional solution for nearly every industrial application.

#### APPLICATION AREAS

This highly versatile Dunlop Dunloflex belt provides outstanding reliability and durability in a wide cross-section of industries including mining, quarries, recycling, steel processing and wood, paper and pulp.

#### CARCASS CONSTRUCTION

A tried and tested carcass construction consisting of two synthetic EP plies that are impervious to moisture. The extra tough and highly resilient rubber layer between the plies provides outstanding resistance to impact.

#### BELT WIDTH AVAILABILITY

Available in standard widths from 400 mm up to and including 2200 mm.

#### COVER GRADE QUALITY OPTIONS

Available in all Dunlop cover qualities including heat resistant, abrasion resistant, oil and fat resistant and fire resistant.

#### BELT EDGES

Dunloflex belts are supplied with cut (sealed) edges.

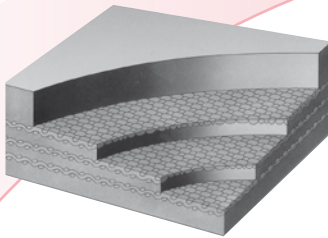
#### BELT TYPES

D 200	D 250	D 315
D 400	D 500	D 630
D 800		



For more detailed technical information regarding this product please ask for a copy of the applicable technical datasheet.

## TRIOFLEX®



TrioFlex® has been designed in accordance with the modern MPC-trend (minimum ply concept) and can therefore be used very successfully for medium up to the heaviest service conditions, adverse loading conditions and coarse materials. Regardless of the tensile strength, its carcass consists of three strong EP fabric plies with an extra tough, highly resilient rubber layer between the plies, which provides an outstanding level of resistance to impact.

### APPLICATION AREAS

The highly versatile Dunlop TrioFlex belt provides superb reliability and durability. Their design construction means that they can deal with the heaviest of service conditions and adverse loading situations in a wide cross-section of industries, including the steel industry, blast furnaces, mining and coke industry, ore transport, stone industry and processing industries.

### CARCASS CONSTRUCTION

The carcass consists of 3-ply of EP fabric. EP fabrics are impervious to moisture and have a low elongation. The inter-ply rubber layers are extremely tough and resilient to provide outstanding resistance to impact.

### BELT WIDTH AVAILABILITY

Available in standard widths from 400 mm up to and including 2200 mm.

### COVER GRADE QUALITY OPTIONS

Available in all Dunlop cover qualities including heat resistant, abrasion resistant, oil and fat resistant and fire resistant. This enables TrioFlex to provide a multifunctional solution for a wide variety of applications.

### BELT EDGES

TrioFlex belts are supplied with moulded edges.

### BELT TYPES

T	400	T	500	T	630
T	800	T	1000	T	1250



*For more detailed technical information regarding this product please ask for a copy of the applicable technical datasheet.*

## STRAIGHT-WARP BELTING

## USFLEX®



UsFlex® conveyor belts have an innovative heavy-duty carcass that out-performs traditional multi-ply belts in almost every respect. The major advantage of UsFlex is its extremely strong 'straight-warp' construction, giving it superior impact, rip and tear resistance and first class operational performance and extended life span.

### APPLICATION AREAS

Suitable for use in all areas, especially in high impact conditions and low maintenance environments including the cement, mining, quarry, wood, paper and pulp, recycling, steel and transshipment industries.

### CARCASS CONSTRUCTION

The carcass is built on the straight-warp principal. UsFlex can be supplied in either single ply or two-ply versions.

### BELT WIDTH AVAILABILITY

UsFlex is available from stock in standard widths ranging from 400 mm up to 2200 mm.

### COVER GRADE QUALITY OPTIONS

UsFlex belts are supplied with the abrasion resistant 'RS' cover as standard. Other cover qualities are available upon request.

### BELT EDGES

Available with either moulded or cut (sealed) edges.

### BELT TYPES

UF	400/1	UF	500/1	UF	630/1
UF	800/1	UF	1000/2	UF	1250/2
UF	1600/2	UF	2000/2		



*For more detailed technical information regarding this product please ask for a copy of the applicable technical brochure.*



## SLIDER BELTING

Slider belting is most commonly used in the transportation of individual items and packages. Dunlop slider belts have a special rubber layer that provides the necessary transverse rigidity to create the flat, even surface needed to efficiently transport individual items packed in cardboard, Hessian, paper and plastic. Rufftop and Fishbone profiled covers are often used on slider belts to provide the surface grip needed to provide greater directional control (minimal slippage) of the goods being transported.

### APPLICATION AREAS

Slider belting is used on installations where the idlers in the top part have been replaced by wood, metal or plastic slider plates. These installations are ideal for conveying items and packages such as parcel post, letters, luggage, boxes, sacks etc.

### CARCASS CONSTRUCTION

The carcass consists of either 1 or 2 plies plus a slider ply.

### BELT WIDTH AVAILABILITY

Maximum production widths:  
2000 mm with smooth top cover  
2000 mm with Rufftop profile  
1150 mm with Fishbone profile

### COVER GRADE QUALITY OPTIONS

Available with either RA, ROM or ROS cover grade qualities. Other cover grade qualities available upon request.

### BELT EDGES

Supplied with cut (sealed) edges.

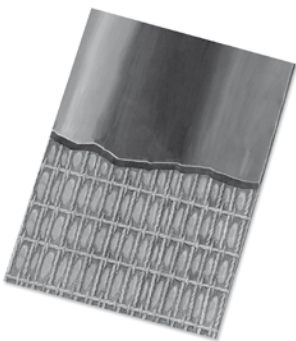
### BELT TYPES

GB	250/2	GB	400/3
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Other types available upon request.

## STEEL REINFORCED BELTING

### FERROFLEX®



Dunlop Ferroflex® has a tried and tested carcass construction with particularly good 'low elongation' characteristics and is used wherever tensile strength and cover grade qualities need to be adaptable to meet the prevailing service conditions. This applies to all areas of bulk material handling, particularly with demanding long distance applications and under high impact conditions.

Ferroflex has a tension layer composed of longitudinal steel cords through which power transmission is effected. The transverse steel cords reinforce the belt and also protect against impact and tears.

### APPLICATION AREAS

This highly versatile belt provides outstanding reliability and durability in a wide cross-section of industries, including cement, quarries, wood, paper and pulp, recycling, steel and transshipment. The FSW construction is particularly suitable for elevator belts and for use in the cement industry, where it is used in combination with the high heat resistant Delahete cover grade quality for the conveying of hot cement.

### CARCASS CONSTRUCTION

There are two Ferroflex constructions available, which are referred to as 'FIW' and 'FSW'. The FIW carcass has a single transversal layer of steel cords on top of the longitudinal steel cords, whereas the FSW has two transversal layers of steel cords situated at both sides of the longitudinal steel

cords. The FSW reinforced belt can be supplied with cable free zones to make the installation of buckets and fasteners easier and to create a dynamically stronger endless belt.

### BELT WIDTH AVAILABILITY

Available in standard widths from 500 mm up to 2200 mm.

### COVER GRADE QUALITY OPTIONS

Both the FIW and FSW construction are available in all Dunlop cover qualities including heat resistant, abrasion resistant, oil and fat resistant and fire resistant. Abrasion resistant qualities: RA / RE / RS; Heat resistant qualities: Betahete / Deltahete. Oil and grease resistant quality: ROS. Fire resistant quality: BV.

### BELT EDGES

All Ferroflex belting has approximately 12 mm wide rubber edges.

### BELT TYPES

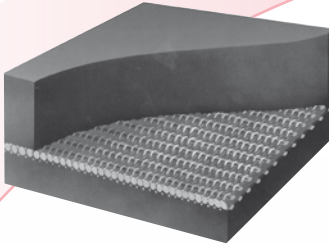
F	500	F	630	F	800
F	1000	F	1250	F	1600
F	2000				

**i** For more detailed technical information regarding this product please ask for a copy of the applicable technical datasheet.



# ARAMID REINFORCED BELTING

## STARAMID®



The outstanding characteristics of the Staramid® belt include low elongation and a low weight together with a high dynamic splice efficiency.

### APPLICATION AREAS

Staramid has been specially developed for use on very long conveyors with centre distances of up to several thousand metres.

### CARCASS CONSTRUCTION

The carcass is built on the 'straight warp' principle. Power transmission is effected through longitudinally placed Aramid cords. On either side of the Aramid cords there are transverse Nylon cords. For severe applications it is possible to add extra transverse reinforcement, which has no adverse effect on the belt's longitudinal flexibility.

### BELT WIDTH AVAILABILITY

Available in standard widths up to 2200 mm.

### COVER GRADE QUALITY OPTIONS

Staramid belting can be supplied in all Dunlop cover qualities.

### BELT EDGES

All Staramid belts are supplied with moulded edges.

### BELT TYPES

630	800	1000
1250	1600	2000



## PROFILED BELTING

### CHEVRON AND HIGH CHEVRON BELTS

Chevron belting is used to convey materials at angles that are so steep that load slip or roll back might occur. The special profiles on Chevron belts make increased angles of inclination possible compared to smooth surface belts.

#### APPLICATION AREAS

Dunlop chevron belts are used with great success in a wide cross-section of industrial and commercial applications including quarries, cement production, the transportation of asphalt, recycling, the wood and timber industry and for several different functions within the agricultural industry.

#### CARCASS CONSTRUCTION

Plies of Polyester-Nylon (EP) fabric, strong, low elongation, impervious to moisture.

#### BELT WIDTH AVAILABILITY

Chevron belts are available in standard widths from 400 mm up to 1600 mm, depending on profile.

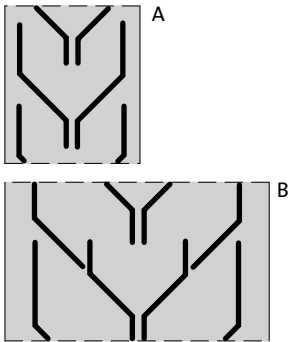
#### COVER GRADE QUALITY OPTIONS

Quality RA, abrasion resistant. Other qualities available upon request.

#### BELT EDGES

Chevron and High Chevron belts are supplied with moulded rubber edges.

#### CHEVRON



#### HIGH CHEVRON



#### BELT TYPES

##### CHEVRON

D	250/2	C	330/15
D	250/2	C	430/16
D	250/2	C	530/16
S	400/3	C	530/16
S	400/3	C	650/16
S	400/3	C	800/16
S	500/4	C	1000/16

##### HIGH CHEVRON

D	250/2	HC	450/32
D	250/2	HC	600/32
S	400/3	HC	450/32
S	400/3	HC	600/32
S	500/4	HC	800/32
S	500/4	HC	1000/32
S	500/4	HC	1200/32
S	630/4	HC	1600/32

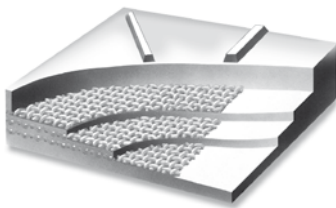
#### CHEVRON PROFILE

- A 400 mm wide  
Chevron profile (C 330/16)
- B 500 - 600 - 650 - 800 - 1000 - 1200 mm  
Chevron profile (C 430/16) (C 530/16) (C 650/16)  
(C 800/16) (C 1000/16)

#### HIGH CHEVRON PROFILE

- C 500 - 600 - 650 - 800 - 1000 - 1200 - 1400 -  
1600 - 1800 mm  
High Chevron profile (HC 450/32) (HC 600/32)  
(HC 800/32) (HC 1000/32) (HC 1200/32)  
(HC 1600/32)

### MULTIPROF®



The Multiprof® belt has been designed specifically for multi-functional use. Multiprof profiled belting can be used to transport both packaged and bulk materials at a slope angle of up to 30°. They can also convey oily products and hot materials.

#### APPLICATION AREAS

Suitable for transporting packaged and bulk materials.

#### CARCASS CONSTRUCTION

The ultra reliable Dunlop Superfort and Dunloflex carcasses, with their polyester-nylon (EP) fabric plies, provide strong low elongation and are impervious to moisture.

#### BELT WIDTH AVAILABILITY

Standard widths range from 800 mm up to 1200 mm.

#### COVER GRADE QUALITY OPTIONS

Multiprof conveyor belts are available in abrasion resistant, oil and grease resistant and fire resistant cover qualities.

#### BELT EDGES

All Multiprof belts have solid rubber edges.

#### BELT TYPES

S	250/2	S	400/3	S	500/4
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### FISHBONE AND RUFFTOP

Fishbone and Rufftop profiles provide a highly durable and efficient surface grip. They are most commonly used in the transportation of individual items and packages, particularly where inclinations are involved that could otherwise cause slippage of the goods being carried.

**APPLICATION AREAS**

For goods packed in cardboard, Hessian, plastic or paper.

**CARCASS CONSTRUCTION**

EP fabric plies (Superfort or Dunloflex), strong, low elongation.

**BELT WIDTH AVAILABILITY**

Available in widths up to and including 1150 mm for Fishbone and up to and including 2000 mm for Rufftop.

**COVER GRADE QUALITY OPTIONS**

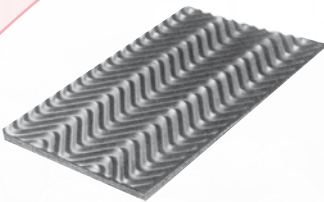
The standard quality cover used is the abrasion resistant 'RA'. Other qualities available upon request.

**BELT EDGES**

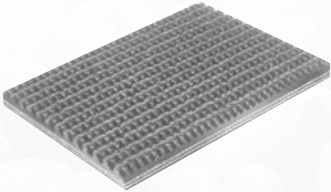
Supplied with cut (sealed) edges.

**BELT TYPES**

GB 250/2	SU 250/2
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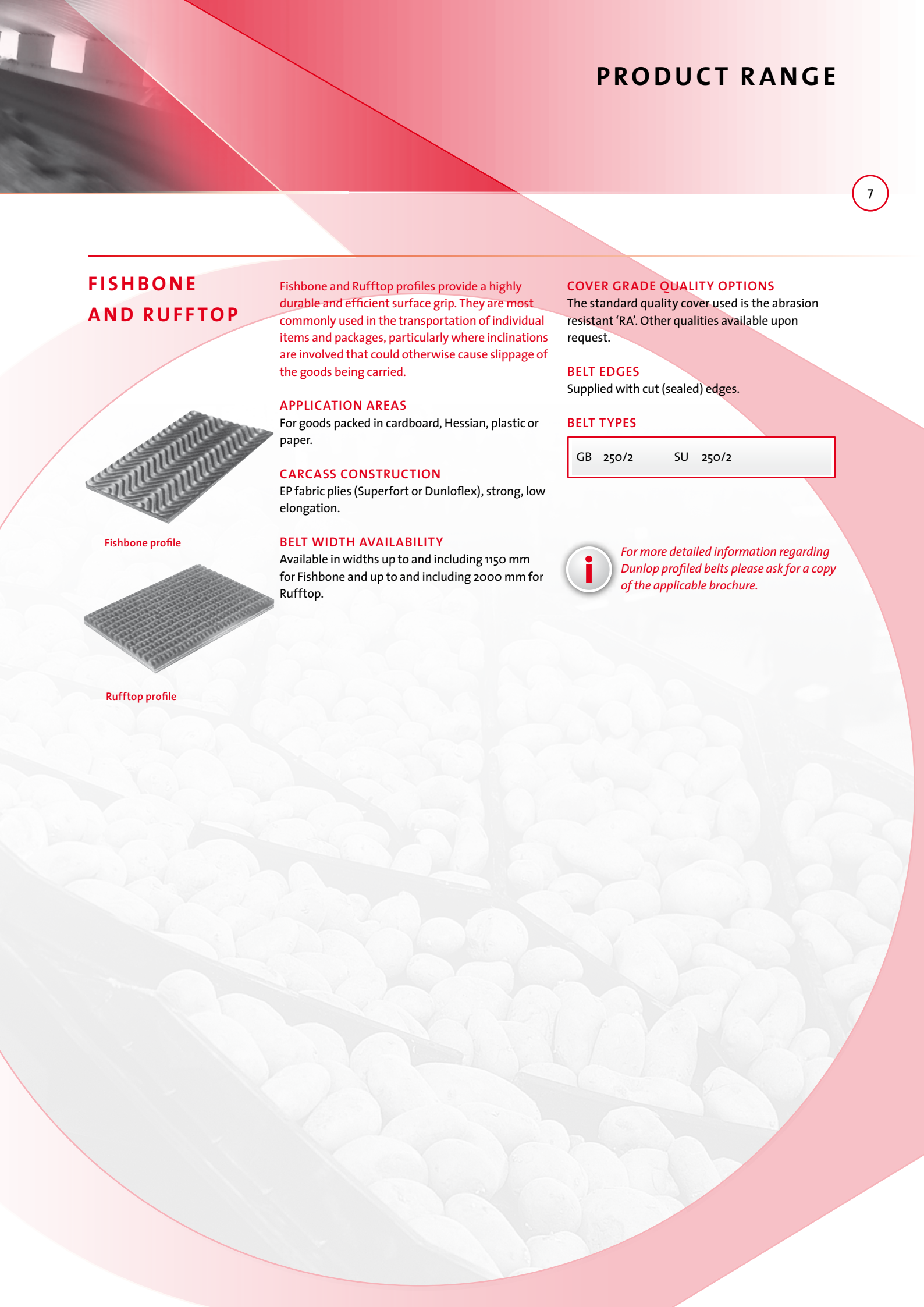
Fishbone profile



Rufftop profile



*For more detailed information regarding Dunlop profiled belts please ask for a copy of the applicable brochure.*







## TRANSVERSE RIGID BELTING

### RIGITRA®

The Rigitra® belt has been designed to have high transverse rigidity. This enables the belt to work to maximum efficiency when fitted with sidewalls, which is usually in combination with cleats.

#### APPLICATION AREAS

For installations on which conveyor belts with sidewalls and cleats are used.

#### CARCASS CONSTRUCTION

The carcass consists of at least two plies of wholly synthetic Polyester-Nylon fabric (EP). EP-fabric is impervious to moisture, has a low elongation and a very high tensile strength. Two extra plies of special fabric are also used to create transverse rigidity. Depending on the required transverse rigidity, they can be manufactured using either textile or steel.

#### BELT WIDTH AVAILABILITY

Available in standard widths up to and including 2000 mm.

#### COVER GRADE QUALITY OPTIONS

Quality RA, abrasion resistant. Other qualities available upon request.

#### BELT EDGES

Rigitra belts are supplied with cut (sealed) edges.

#### BELT TYPES

250/2	315/2	400/3
500/3	630/4	800/4
800/5	1000/4	1000/5
1250/5		

## CORRUGATED SIDEWALLS AND RUBBER CLEATS

### CORRUGATED SIDEWALLS

In order to increase belt capacity, Dunlop's highly efficient corrugated sidewalls are produced using a rubber compound that has the combined qualities of strength as well as high elasticity and flexibility. By using sidewalls in combination with rubber cleats, it is possible to transport material at high angles of incline.

#### COVER GRADE QUALITY OPTIONS

Quality RA abrasion resistant as standard. Other qualities are available upon request.

#### SIDEWALL TYPES AVAILABLE FROM STOCK.

DW 80 (250mm minimum pulley diameter)  
DW 120 (400mm minimum pulley diameter)

Other heights are available upon request.

### RUBBER CLEATS

Dunlop cleats are specifically designed to achieve extremely high transportation capacity along with excellent self-cleaning properties. Smaller profile cleats are extruded whereas larger cleats are moulded in order to retain their shape even when conveying high-density materials.

#### AVAILABILITY

Dunlop cleats are available in a variety of lengths, depending on the type of profile.

## CLOSED CONVEYOR SYSTEMS

### DUNLOPIPE

Dunlop produces a wide variety of belts that are suitable for use within pipe conveyor systems. The many advantages of pipe conveyors include the provision of secure, spillage-free transportation; the flexibility to negotiate tight curves in all directions and vertical inclinations that can be as much as 50% higher compared to conventional conveyors. Pipe conveyors often provide the most efficient solution in locations where there are environmental, safety or space limitation issues.

#### APPLICATION AREAS

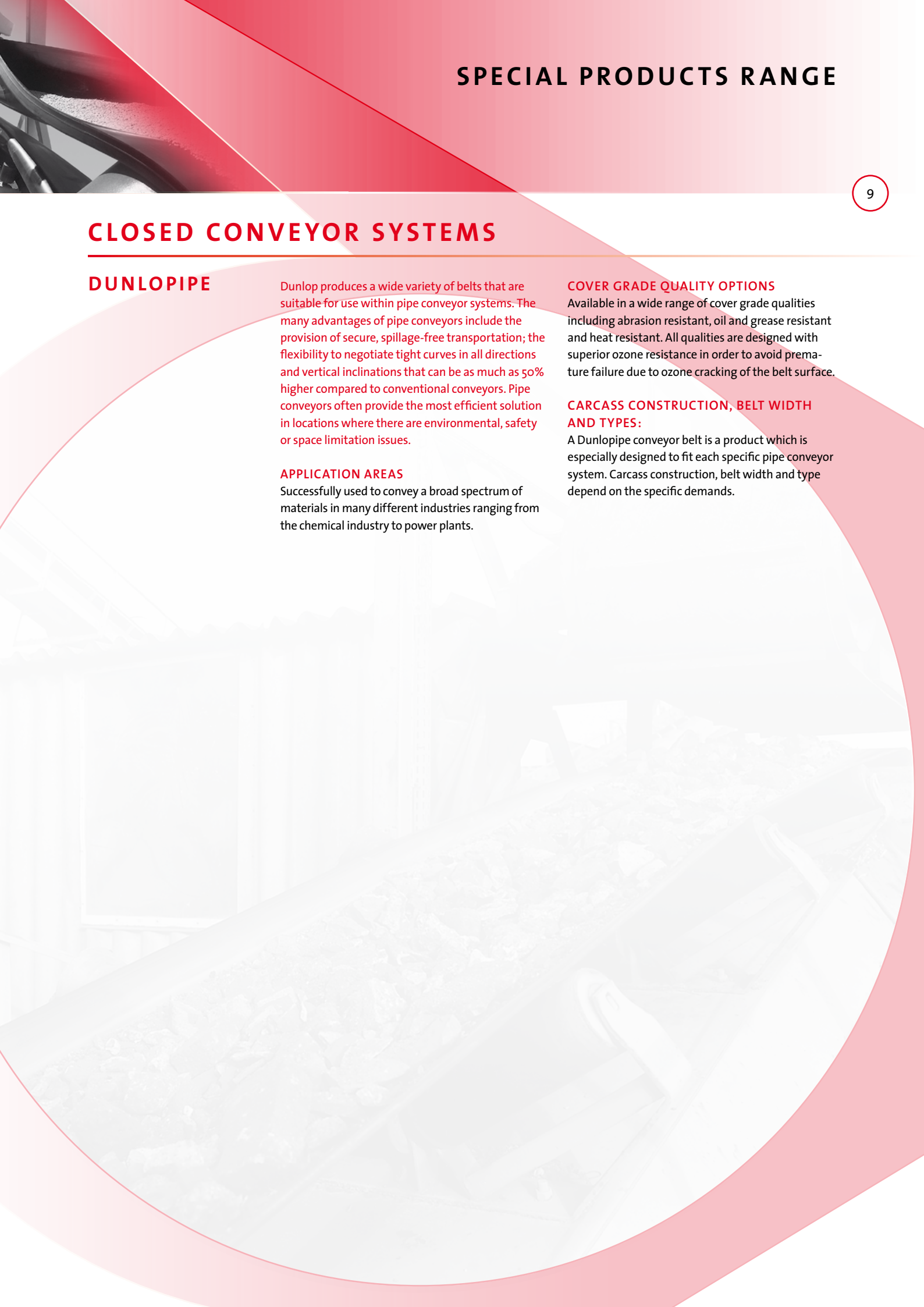
Successfully used to convey a broad spectrum of materials in many different industries ranging from the chemical industry to power plants.

#### COVER GRADE QUALITY OPTIONS

Available in a wide range of cover grade qualities including abrasion resistant, oil and grease resistant and heat resistant. All qualities are designed with superior ozone resistance in order to avoid premature failure due to ozone cracking of the belt surface.

#### CARCASS CONSTRUCTION, BELT WIDTH AND TYPES:

A Dunlopipe conveyor belt is a product which is especially designed to fit each specific pipe conveyor system. Carcass construction, belt width and type depend on the specific demands.



## PASSENGER CONVEYOR BELTS

### STARGLIDE®

Dunlop's Starglide conveyor belts carry passengers safely, comfortably and economically. Starglide belts are installed all over the world in a wide variety of locations including airports and station terminals, parking facilities, pedestrian areas, hypermarkets, exhibition centres, artificial ski grounds and casino entrances. Starglide belts are able to operate safely at higher speeds, consume less energy and have lower maintenance costs compared to traditional pallet system passenger conveyors.

#### PRODUCT PROPERTIES

- Fire resistant (EN 115 standard)
- Slip resistant
- Excellent resistance to wear and tear (long life-span)
- Easy to install (including existing buildings)
- Low intermediate height
- Available in unlimited length and width up to 1600 mm
- Low maintenance (up to 35% less than pallet systems)
- Quiet operation (noise level below 55 dB)
- Rubber surface ensures optimum comfort and safety

## HOSE LINING

### MANCHONS

Dunlop's rubber linings for fabric hoses are used in a variety of applications. Comprised of two components, a vulcanised liner and an un-vulcanised "dry" adhesion layer, both made from 100% top quality EPDM rubber to guarantee the best possible quality available in the market, Dunlop hose linings can be relied on in environments where safety and quality are absolutely critical.

#### PRODUCT PROPERTIES

- Available in a range of diameters from 19 mm to 150 mm
- Excellent mechanical properties: tensile strength, elongation at break and abrasion resistant
- Excellent ageing properties when exposed to high or low temperatures
- Also available in oil resistant and cold resistant cover grade qualities

## PISTENBULLEY BELTS

### SNOWTRACKS

Supplied for both the OEM and replacement markets, Dunlop's belts for Snowgroomer tracks have been specifically designed for the purpose and provide outstanding service reliability. The solid carcass construction guarantees excellent fastener strength and high bolt 'pull-out' resistance, resulting in extended service life of both the belt and the chain. Snow track belts are available in a variety of carcass constructions and dimensions to suit all models of machine.

#### PRODUCT PROPERTIES

- High tensile strength
- Abrasion resistant
- Good ozone resistant properties that prevent ageing/cracking
- Excellent tear resistance and low modulus (no blisters)
- Outstanding cold resistance properties to -40°C
- High adhesion levels



## SAW MILL BELTS

The rubber used on these belts is resin resistant and/or non-staining and has been compounded to provide first-class durability.

### APPLICATION AREA

Dunlop saw mill conveyor belts have been especially developed for use within the timber industry. Applications include the conveying of tree trunks, planks, bark, wood chips, etc.

### CARCASS CONSTRUCTION

The carcass consists of at least two plies of wholly synthetic Polyester-Polyester fabric (EE). The advantages of EE fabric are that it is impervious to moisture, has low elongation and has a high tensile strength. The belts are designed to provide the ideal transverse stiffness.

### BELT WIDTH AVAILABILITY

Available in widths up to 2000 mm.

### COVER GRADE QUALITY OPTIONS

Supplied with oil and resin resistant and non-staining cover grade qualities.

### COVER THICKNESS

Supplied as standard without covers or 1.5 mm face or omm back for slider belt applications. Other thickness' available upon request.

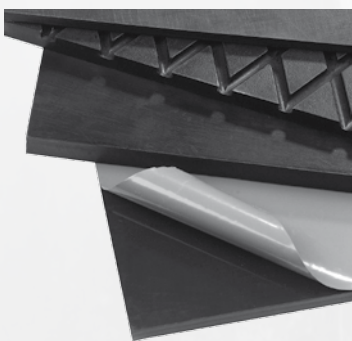
### BELT TYPES

S 400/3 – 0 + 0 mm Saw Mill  
S 400/3 – 1.5 + 0 mm Saw Mill  
S 630/3 – 1.5 + 0 mm Saw Mill

Other types available upon request.

## WEAR RESISTANT SHEETING

### ARKEEN®



Arkeen® Wear Resistant Sheeting has been designed and developed in accordance with DIN 7715 by the Dunlop Research & Development team. Arkeen provides the perfect compliment to Dunlop conveyor belts to aid longer service life and give optimal installation effectiveness. This highly successful product can be used for a variety of applications including bunker lining, rubber skirting, seals and pulley lagging.

### PRODUCT RANGE

Arkeen is available in thickness' of 6, 8, 10, 12, 15, 20 and 25 mm. It can be supplied with or without a diamond profile and in hardness's of 60° Shore A and 40° Shore A. Arkeen is usually bound to steel surfaces.

For the most powerful adhesion possible we supply the Dunlop Enerkol adhesive system containing Cement, Activator and Primer.

Arkeen can also be supplied with an adhesive layer to facilitate glueing.

With an adhesive layer; AL

With an adhesive layer and profile; DAL



*For more detailed technical information regarding this product please ask for a copy of the applicable technical datasheet.*



## AGRICULTURAL PRODUCTS

### ALANTA® WATERBEDS

The revolutionary Alanta® waterbed cow mattress was first introduced in 1997 and is now used with great success on farms all over the world. The bed is seamless and 100% watertight. The risk of cross-infection is minimised because bacteria, moulds and other microscopic organisms cannot penetrate the surface. Using Alanta waterbeds also reduces problems such as lameness, thick hocks, teat damage, mastitis and other kinds of inflammation. Due to its oval shape, moisture, including milk and urine, drains off quickly, reducing the amount of litter that needs to be used compared to other bedding systems. The rubber insulation layers mean that the bedding is dry, warm and comfortable all year round.

#### CONSTRUCTION

The insulating rubber layers are strengthened with synthetic fabrics to create an extremely strong and hardwearing construction. Each waterbed 'cubicle' can be filled with only 5 cms of water, creating a

comfortable bed that is quickly warmed by the cow's body heat. A guaranteed minimum lifespan of no less than ten years is provided, with an anticipated lifespan of more than twenty years. Alanta waterbeds are produced in accordance with ISO 9001 and are DLG tested.

#### ASSEMBLY AND WIDTH AVAILABILITY

Alanta waterbeds are delivered on a roll (up to a maximum of 210 meters) accompanied by simple-to-follow fitting instructions. They are suitable for both floating cubicles and supports mounted on concrete. The waterbeds are available from stock in various standard cubicle widths. Other sizes for use with bulls or calves etc can be manufactured upon request.

### DUNLOMAT®

Dunlomat® is a rubber matting designed for agricultural applications and is primarily used in cubicle building. The profiles on both sides mean that Dunlomat provides a safe, skid-resistant surface that is both comfortable and easy to clean. Dunlomat is extremely easy to cut and fit. Its expected lifetime of more than ten years also makes it highly cost-effective.

#### WIDTH AVAILABILITY

Available in widths up to 2000 mm.

#### CARCASS CONSTRUCTION

The carcass consists of a single ply of Polyester-Nylon fabric

#### COVER GRADE QUALITY

Manufactured with an abrasion resistant cover.

#### THICKNESS AVAILABILITY

Available in either 6 mm or 10 mm thickness.

### DUNLOSHEET®

Dunlosheet® is a hard-wearing, 2.5 or 3.5 mm thick sheet that is mostly used in stables as cover for animal bedding mattresses but is also excellent for many other protection, anti-slip and anti-static purposes.

#### WIDTH AVAILABILITY

Available in 2000 mm wide.



*For more detailed technical information regarding these products please ask for a copy of the applicable leaflet.*

## HAY BALER BELTS

Specifically designed for use on round (hay) baler machines with a variable chamber, Dunlop supplies a range of belts to suit the specifications of each machine, to both the original equipment and replacement markets. Manufactured to the highest standards using only top quality raw materials to ensure maximum service life and reliability.

### PRODUCT PROPERTIES

- Available in a range of specifications in a three-ply carcass construction
- Tensile strengths of 430-520 N/mm
- Profiled covers such as rough top and diamond
- Superior fastener holding capabilities to ensure reliable joints



*For more detailed technical information regarding this product please ask for a copy of the applicable leaflet.*

## HARVESTING BELTS

Dunlop's belts for use with harvesting machinery are precision moulded for smooth, trouble free operation. A wide range of profile dimensions is available. Both height and pitch can be varied to a large extent to suit most models of harvesting machinery. Dunlop harvesting belts provide excellent fastener strength and low elongation, which results in a superior product life.

### PRODUCT PROPERTIES

- Tensile strength varying from 600-1250 N/mm
- Available in different thickness' from 7-26 mm
- Excellent fastener strength
- Suitable for splicing appliances
- Exceeds international standards



## DUNLOP RUBBER COVER GRADE QUALITIES

### BASIC MATERIALS

Code	Rubber type
NR	Natural Rubber
SBR	Styrene-Butadiene Rubber
NBR	Nitrile Rubber

Code	Rubber type
IIR	Butyl Rubber
EPDM	Ethylene-Propylene-Diene Rubber
CR	Chloroprene Rubber

All Dunlop cover qualities are anti-static according to EN ISO 284 and comply with EN ISO 1431 (ozone resistance) in order to avoid premature failure due to cracking of the belt surface.

Dunlop cover quality	DIN quality	EN/ISO quality	Permissible temp.°C*			Base polymer	Technical features Application area	
			min. Ambient	cont. Material	peak Material			
<b>Abrasion Resistant</b>	RA	Y	D	-30	80	100	SBR	High abrasion resistance for normal service conditions.
	RE	X	H	-40	80	90	NR	Excellent resistance to cuts, impact, abrasion and gouging resulting from large lump sizes of heavy, sharp materials falling from heights.
	RS	W	D	-30	80	90	NR/SBR	Possesses all of the qualities of the RE cover grade plus extra wear resistance to meet the demands of conveying highly abrasive materials.
<b>Heat Resistant</b>	Betahete	T		-20	150	170	SBR	Heat resistant for materials at moderate temperatures.
	Starhete	T		-20	180	220	IIR	Increased heat resistant for materials at controlled high temperatures.
	Deltahete	T		-20	200	400	EPDM	Superior heat resistant for heavy duty service conditions, up to 400°C for a short period (coke, clinker etc.)
<b>Oil and fat Resistant</b>	ROM	G		-20	80	90	SBR/NBR	Oil and fat resistant for most products with animal and vegetable oils and fats.**
	ROS	G		-20	80	120	NBR	Oil and fat resistant for products containing mineral oils and greases.
<b>Fire Resistant</b>	BVX	K/S***		-20	80	90	SBR	Fire resistant for the transport of inflammable and explosive materials such as coal dust etc. According to EN ISO 340.
	VT	VT		-20	80	90	CR/SBR	Fire resistant qualities specially developed for mining applications.
	BV ROM	K/S***		-20	80	90	SBR/NBR	Same features as ROM and also fire resistant. According to EN ISO 340.
	BV ROS	K/S***		-20	80	90	NBR	Same features as ROS and also fire resistant. According to EN ISO 340.

\* The minimum (min) temperatures specified in this document refer to the ambient temperature of the surrounding area. The continuous (cont) and maximum temperatures relate to the material that is to be transported on a conveyor belt. For low ambient temperatures please ask for information regarding our Coldstar range.

\*\* In some cases (with products containing high concentrations of animal and vegetable oils) ROS should be selected.

\*\*\* K = fire resistant with covers.  
S = fire-resistant with or without covers.

Other cover grade qualities for special applications are available upon request.

## BELT SELECTION

The correct choice of belt type and cover quality is dependent on several different factors. To enable the correct belt type to be chosen, it is very important to provide as much information as possible. The final choice from the available options for each application will depend on the actual working conditions, which may differ quite significantly from location to location.

In case of doubt, it is always advisable to contact our Application Engineering department. They can provide advice and practical assistance in selecting the most suitable belt type and cover grade quality for your specific application.

## DUNLOP SPLICING SERVICES

Dunlop provide a splicing service for all types of belts, including Dunlop specialist products such as UsFlex®, Starglide® and Deltahete®. Our splicing and services team also provide an in-house splicing service for customers requiring endless belts. Through the Dunlop Academy of Technical Excellence, the Dunlop Splicing & Services team offer a range of splice training courses that can be run either at our European manufacturing facility in Holland or on-site.

### THE DUNLOP SPLICING PRODUCT RANGE

There is a wide range of specialist splicing products available from Dunlop.

### COLD SPLICING PRODUCTS

#### The Dunlop Enerkol adhesive system

Enerkol Cement  
Enerkol Activator  
Enerkol Primer  
Cleaning Solvent

This adhesive system is also used for the application of Dunlop Arkeen rubber sheeting.

### HOT SPLICING PRODUCTS

#### Dunlofol

A range of unvulcanised skim rubbers designed to join textile plies and steel cords.

#### Duncover

A range of unvulcanised cover rubbers used when replacing the belt cover ready for vulcanisation.

#### Dundisol

A range of solutions used for splicing a variety of different belt types.

## UNRIVALLED TECHNICAL SUPPORT AND GUIDANCE

When you buy from Dunlop you get more than just quality conveyor belts because we have one of the largest, most experienced and highly trained teams of conveyor belt specialists and application engineers in the industry.

Dunlop provide an unrivalled level of customer service - visiting our customers on-site, providing advice, guidance and practical support including:

- Site visits and surveys
- Belt calculation service
- Technical training (on-site and Dunlop based)
- Splice training
- Trouble shooting and problem solving
- In-house research, testing and development
- After-sales support

Our 24-hour Helpline means that we are never more than a phone call away when our customers need our help or advice. This service is extremely well supported by our extensive network of highly reputable Dunlop Authorised Distributors, Vulcanisers and Approved Agents.

## THE GUARANTEE OF QUALITY

All Dunlop conveyor belts are supplied with a two-year guarantee against premature failure due to faulty material or workmanship.



**24/7 HELPLINE**  
**+31 (0) 512 585 555**

**WE ARE HERE TO HELP YOU!**

If you have any concerns or questions, please call our Application Engineering Department on +31 (0) 512 585 555

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