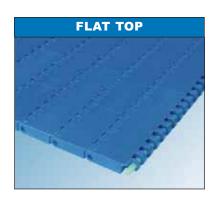
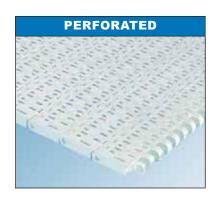
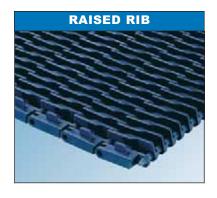
| Pitch | 30 mm |
|-----------------------|--------------------|
| Drive system | Central |
| Belt width | Multiples of 10 mm |
| Advised minimum width | 150 mm |
| Rod diameter | Ø 4.6 mm |
| | |
| | |











SERIES 30

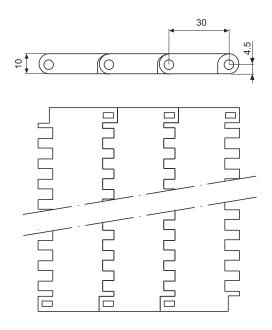


SERIES 30 FLAT TOP



| Pitch | 30 mm |
|-----------------------|--------------------|
| Surface | Flat Top |
| Open area | 0% |
| Thickness | 10 mm |
| Drive system | Central |
| Belt width | Multiples of 10 mm |
| Advised minimum width | 150 mm |
| Rod diameter | Ø 4.6 mm |
| Retention system | Сар |
| | |
| | |
| | |

| Material of the belt | Material of the rod | Belt strength (kg/m) | Temperature range (°C) | Belt weight (kg/m²) | Available colours in stock |
|----------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------------|
| Polypropylene | Polypropylene | 1,100 | +1 to +104 | 5.31 | white - grey - blue |
| Polyethylene | Polyethylene | 600 | -50 to +65 | 5.62 | natural |
| Polyacetal | Polypropylene | 2,250 | +1 to +90 | 7.93 | blue |
| | | | | | |





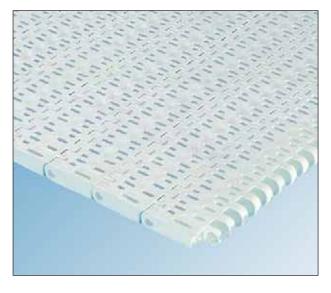
- High speed lines
- Accumulation tables
- Bottles feeding
- Elevators of residues
- Packaging lines



With a closed surface, it is the suitable belt for all those applications in which it is not necessary any drainage through the belt and / or the product to be transported is small.

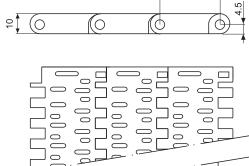
Its completely flat surface avoids the falls of product and the resulting blockage of the line.

SERIES 30 PERFORATED FLAT TOP

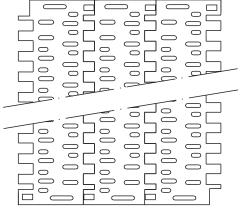


| Pitch | 30 mm |
|------------------------|---------------------|
| Surface | Perforated Flat Top |
| Open area | 17% |
| Thickness | 10 mm |
| Dimensions of openings | 2 x 5 mm - 2 x 8 mm |
| Drive system | Central |
| Belt width | Multiples of 10 mm |
| Advised minimum width | 150 mm |
| Rod diameter | Ø 4.6 mm |
| Retention system | Сар |
| | |
| | |

| Material of the belt | Material of the rod | Belt strength (kg/m) | Temperature range (°C) | Belt weight (kg/m²) | Available colours in stock |
|----------------------|---------------------|-------------------------|---------------------------|------------------------|-------------------------------|
| Polypropylene | Polypropylene | 1,100 | +1 to +104 | 5.01 | white - grey |
| Polyethylene | Polyethylene | 600 | -50 to +65 | 5.20 | natural |
| Polyacetal | Polypropylene | 2,250 | +1 to +90 | 7.33 | blue |
| | | | | | |



30



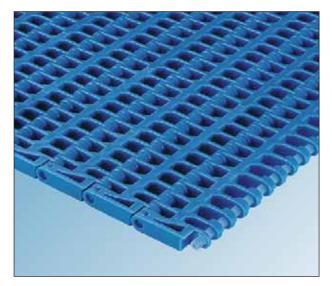


With a 17% open area, it has a completely smooth surface with small, straight, and grille-shaped openings without structural obstacles.

This is the suitable belt for applications needing a drainage through the belt and in which the product to be transported is small.

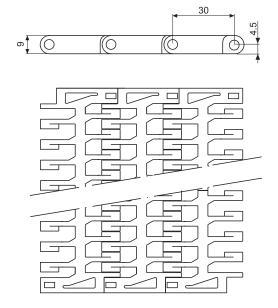


SERIES 30 FLUSH GRID



| Pitch | 30 mm |
|-----------------------|--------------------|
| Surface | Flush Grid |
| Open area | 41% |
| Thickness | 9 mm |
| Drive system | Central |
| Belt width | Multiples of 10 mm |
| Advised minimum width | 150 mm |
| Rod diameter | Ø 4.6 mm |
| Retention system | Сар |
| | |
| | |
| | |

| Material of the belt | Material of the rod | Belt strength (kg/m) | Temperature range (°C) | Belt weight (kg/m²) | Available colours in stock |
|----------------------|---------------------|-------------------------|---------------------------|------------------------|-------------------------------|
| Polypropylene | Polypropylene | 1,100 | +1 to +104 | 3.71 | white - grey |
| Polyethylene | Polyethylene | 600 | -50 to +65 | 4.00 | natural |
| Polyacetal | Polypropylene | 2,250 | +1 to +90 | 5.60 | blue |
| | | | | | |



- Tyre production lines
- Defreezing
- Washers
- Turning round of boxes



It has a grille-shaped configuration, with a 41% of open area and a completely smooth surface.

It is ideal for applications in which it is needed a drainage through the belt, avoiding any accumulation of particles on its surface.

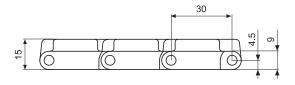
The cleaning by applying air or water under pressure through the belt is very easy.

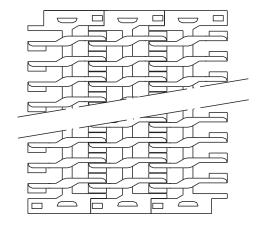
SERIES 30 RAISED RIB



| Pitch | | 30 mm |
|--------|-------------------|--------------------|
| Surfa | ice | Raised Rib |
| Open | area | 41% |
| Thick | ness | 15 mm |
| Drive | system | Central |
| Belt v | width | Multiples of 10 mm |
| Advis | sed minimum width | 150 mm |
| Rod | diameter | Ø 4.6 mm |
| Reter | ntion system | Сар |
| | | |
| | | |
| | | |

| Material of the belt | Material of the rod | Belt strength (kg/m) | Temperature range (°C) | Belt weight (kg/m²) | Available colours in stock |
|----------------------|---------------------|-------------------------|------------------------|---------------------|----------------------------|
| Polypropylene | Polypropylene | 1,100 | +1 to +104 | 5.44 | grey |
| Polyacetal | Polypropylene | 2,250 | +1 to +90 | 8.30 | blue |
| | | | | | |
| | | | | | |





- Casing
- Coolers
- Palletisers and depalletisers
- Icing of frozen products
- Plastic film wrapping

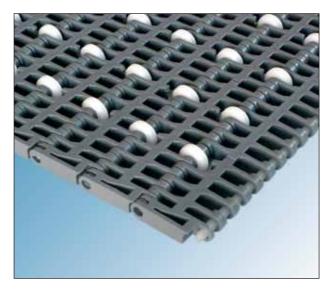


It has been designed to transfer products by means of finger plates.

Thanks to its even, ribbed surface it is recommended for accumulation of containers of uncertain stability when it is necessary the use of finger plates.

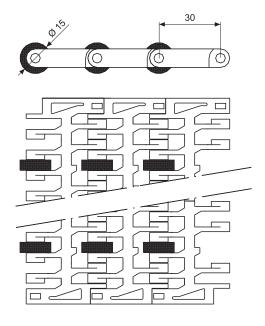


SERIES 30 SLIDING ROLLERS



| Pitch | 30 mm |
|--------------------------|--------------------|
| Surface | Sliding Rollers |
| Drive system | Central |
| Belt width | Multiples of 10 mm |
| Advised minimum width | 150 mm |
| Rod diameter | Ø 4.6 mm |
| Retention system | Сар |
| Diameter of small roller | Ø 15 mm |
| Width of small roller | 4,9 mm |
| Material of small roller | Polyacetal |
| | |
| | |

| Surface | Material of the belt | Material of the rod | Belt strength (kg/m) | Temperature range (°C) | Available colours in stock |
|------------|----------------------|---------------------|-------------------------|------------------------|-------------------------------|
| Flush Grid | Polypropylene | Polypropylene | 1,100 | +1 to +90 | white - grey |
| Flush Grid | Polyethylene | Polyethylene | 600 | -40 to +65 | natural |
| Flush Grid | Polyacetal | Polypropylene | 2,250 | +1 to +90 | blue |
| | | | | | |





The small rollers inserted on its surface, that revolve whenever there is accumulation, avoid crushing and damages in the base of the product.

It has been designed mainly to solve problems of transport of boxes, containers, etc.

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INFO

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DATA









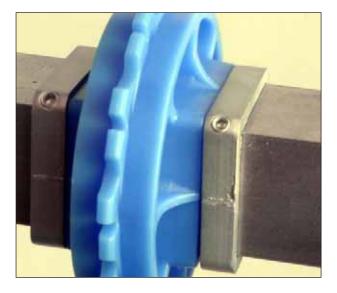


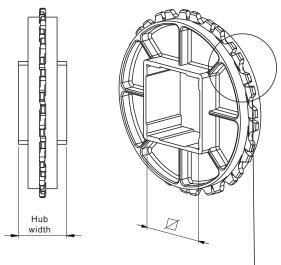




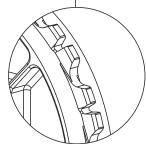


SPROCKETS





| N° of teeth | N° of teeth Pitch | | Bore ☑ | | Materials |
|-------------|-------------------|----------------|--------------|-------|--|
| Т | Ø | mm | inch | width | Materials |
| 6 | 60 | 25 | - | 24 | |
| 11 | 106.5 | 40 | 1.5" | 40 | |
| 16 | 153.5 | 40 60 | 1.5" 2.5" | 40 | Polypropylene Polyacetal Stainless steel |
| 20 | 191.5 | 40 60 90 | 1.5" | 40 | |

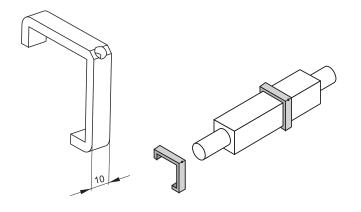


We have plastic sprockets for round shaft with and without keyway.

We also have sprockets to be used with motor drum in applications needing a special cleaning or in conveyors in which it is not possible to place the motor in the outside due to problems of space or safety.



RETAINING RINGS

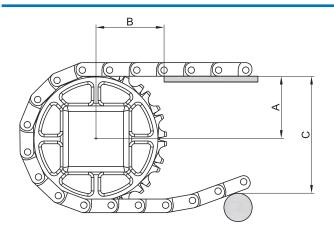


The fastening of the central sprocket is made by retaining rings manufactured in AISI-316 stainless steel. Their design allows an easy installation without dismatling or grooving the shaft. They are fastened through a screw that remains perfectly fixed in the ring.

| Bore | Screws |
|------|---------|
| 25 | M 5 x 5 |
| 40 | M 6 x 6 |
| 60 | M 6 x 6 |
| 90 | M 6 x 6 |

INFO

DESIGN DATA

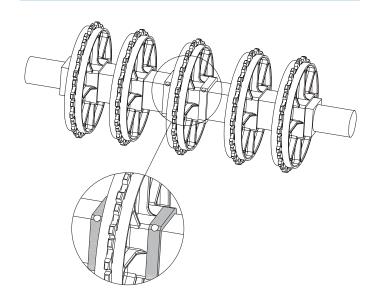


In the building of conveyors, the distances appearing in the table should be respected depending on the sprocket size:

| Pitch Ø | А | B max. | C max. |
|------------|----|-----------|-----------|
| 60 | 25 | 30 | 65 |
| 106.5 | 48 | 50 | 110 |
| 153.5 | 73 | 65 | 155 |
| 191.5 | 91 | 75 | 195 |
| | | | |

| Α | Distance between the sliding surface of the belt and the centre of the shaft. | | | |
|---|--|--|--|--|
| В | Distance between the vertical of the shaft and the beginning of the sliding surface. | | | |
| С | Distance between the sliding surface of the belt and the support of the return way. | | | |

INSTALLATION



You must put 1 sprocket in the middle fastened with 2 retaining rings. Then you should put the same quantity of sprockets, without any fastening, at each side of that central sprocket. You should proceed the same way in both shafts.

To calculate the necessary minimum quantity of sprockets for the drive shaft as well as for the idle one, the next formula has been used:

| Minimum | Belt width (mm) |
|-------------------|-----------------|
| Minimum quantity: | 100 mm |

This quantity must always be odd.



FLIGHTS AND SIDE GUARDS



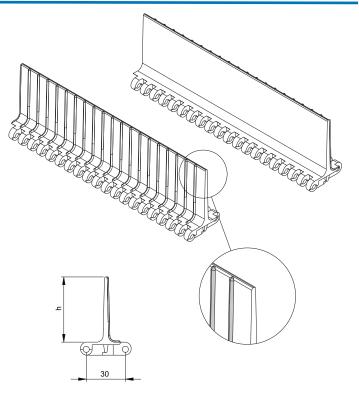
| Accessories | h | Materials |
|------------------|----------|---|
| 90° right flight | 25 50 | Polypropylene Polyethylene Polyacetal |
| Side guards | 50 | Polypropylene Polyethylene Polyacetal |

The flights are plastic accessories to be inserted across the belt. They are used to push the product in ascent, descent or accompaniment applications, avoiding that it slips along the belt.

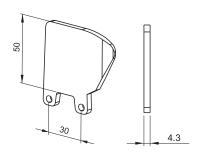
The side guards are plastic accessories to be inserted into the belt structure to retain the product laterally, avoiding overflows and frictions with the conveyor structure itself.

It is possible to cut down the standard height for special applications.

90° RIGHT FLIGHT

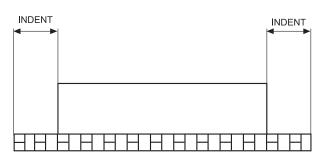


SIDE GUARDS



INFO

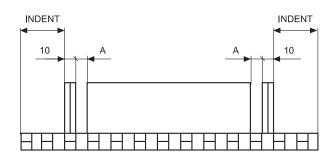
BELT ONLY WITH FLIGHTS



The distance between the side edges of the belt and the flights (indent) must be a multiple of 10 mm, being 20 mm the minimum.

The pitch of flights along the belt will be a multiple of 60 mm.

BELT WITH FLIGHTS AND SIDE GUARDS



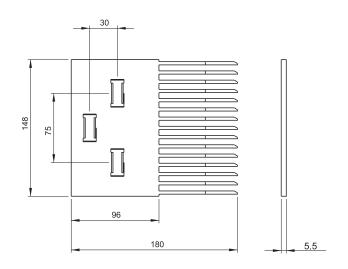
If the belt has both Flights and Side Guards, the minimum distance between them (A) will be:

- 10 mm if the indent is a multiple of 10 mm $\,$ (minimum indent to be 20 mm)
- 5 mm if the indent is a multiple of 10 mm + 5 $\,$ (minimum indent to be 25 mm)



FINGER PLATES





| Materials | Colours | N° of teeth | N° of holes | Screw dimension |
|------------|---------|-------------|-------------|--------------------|
| Nylon | Black | 15 | 2 | 6 x 19 |
| Polyacetal | Grey | 15 | 3 | 0 x 19 |

They have been designed to be used with the Raised Rib belts in applications in which it is necessary to transfer the product by means of finger plates.

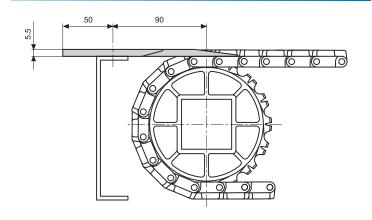
The finger plates are manufactured in nylon and have 15 teeth. These teeth couple perfectly among the projecting ribs of the belt, allowing the constant flow of product as the belt is engaged. They avoid the use of conventional dead plates and consequently the problems by stumbling and fall of the product.

They have three fastening holes that enable little displacements to achieve a better coupling with the helt

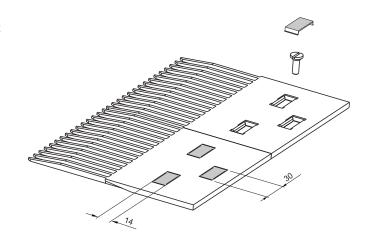
Those holes are located so that they reduce to the minimum the vibrations owing to the turn of the belt over the sprockets.

The finger plates can be easily installed in the structure of the conveyor putting a screw in each hole. The dimensions of these screws are: M 6×19 mm.

DESIGN DATA



INSTALLATION





NFO

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31-32

40-41





To make the fastening and the support of the belt, EUROBELT has designed two types of hold-down profiles, with different geometries, but with the

same uses and services.

These profiles, with a low coefficient of friction, are placed between the belt and the structure of the conveyor, reducing the wear of the surfaces in contact, which contributes to prolong the life of the belt.

EUROBELT offers all the hold-down profiles in special polyethylenes, with very good sliding properties and an excellent resistance to impact.

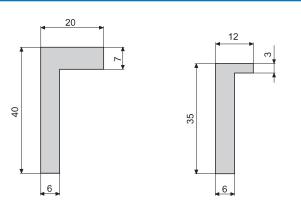
The flat wearstrips are fastened by means of flatheaded plastic screws, which provides a smooth surface free of any possibility of hooking. The dimensions of those screws are: M 6 x 25 mm.

Due to their dovetail design, they can adapt to possible longitudinal contractions and expansions of the belt.

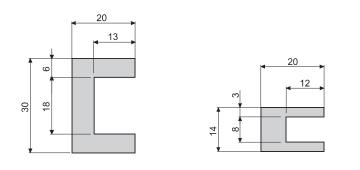
With regard to the wearstrips arrangement, you should choose an appropriate configuration according to the transport requirements.

The distance between supports should not exceed 180 mm in the transport way or 200 mm in the return way.

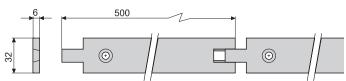
PROFILES IN L



PROFILES IN U



WEARSTRIPS

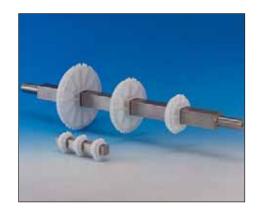


| Accessories | Dimensions | Materials | |
|---------------|------------------------------------|---|--|
| Profiles in L | 40 X 20 X 2,000 35 X 12 X 2,000 | Polyethylene | |
| Profiles in U | 20 X 30 X 2,000 20 X 14 X 2,000 | Polyethylene | |
| Wearstrips | 6 x 32 x 500 | Polyacetal Polyethylene Conductive polyethylene | |



TABLE OF SPROCKETS AND WEARSTRIPS

| Belt nominal width (mm) | | Minimum quantity of sprockets per shaft | Minimum quantity of wearstrips | |
|----------------------------|-------|---|--------------------------------|------------|
| | , | · · | Transport way | Return way |
| 40 | 100 | 1 | 2 | 2 |
| 101 | 300 | 3 | 2 | 2 |
| 301 | 500 | 5 | 4 | 3 |
| 501 | 700 | 7 | 6 | 4 |
| 701 | 900 | 9 | 8 | 5 |
| 901 | 1,100 | 11 | 10 | 6 |
| 1,101 | 1,300 | 13 | 12 | 7 |
| 1,301 | 1,500 | 15 | 14 | 8 |
| 1,501 | 1,700 | 17 | 16 | 9 |
| 1,701 | 1,900 | 19 | 18 | 11 |
| 1,901 | 2,100 | 21 | 20 | 12 |
| 2,101 | 2,300 | 23 | 22 | 13 |
| 2,301 | 2,500 | 25 | 24 | 14 |
| 2,501 | 2,700 | 27 | 26 | 15 |
| 2,701 | 2,900 | 29 | 28 | 16 |
| 2,901 | 3,100 | 31 | 30 | 17 |
| 3,101 | 3,300 | 33 | 32 | 18 |
| 3,301 | 3,500 | 35 | 34 | 19 |
| 3,501 | 3,700 | 37 | 36 | 21 |
| 3,701 | 3,900 | 39 | 38 | 22 |
| 3,901 | 4,100 | 41 | 40 | 23 |



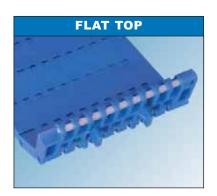
To calculate the minimum quantity of sprockets required both in the drive shaft and in the idle one, you should divide the belt width (in mm) by 100 mm.

This amount must always be odd

To calculate the quantity of supports, the weight of the product to be transported must be taken into account.

The distance between supports should not exceed 180 mm in the transport way or 200 mm in the return way.





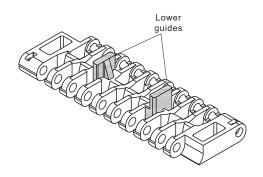
The EUROBELT belts of only one module are more noiseless and lighter than the chain lines.

Their maintenance is considerably reduced as it is not necessary the use of any type of lubricant to obtain a good performance.

Lateral transfer without accidental falls caused by overturning - No need to use any transfer element - Better stability and excellent movement of containers

Maximum resistance in the accumulation of containers - Avoids damages on the containers' surface

High speed lines with no need of using lubrication - Better working conditions - Considerable reduction of costs - No more problems with wet containers

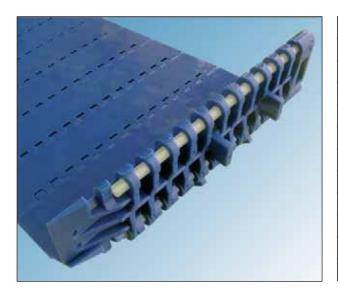


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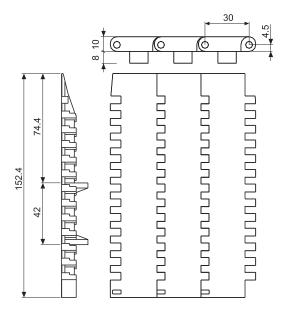


SERIES 31 LATERAL TRANSFER



| Pitch | 30 mm |
|------------------|----------|
| Surface | Flat Top |
| Open area | 0% |
| Thickness | 10 mm |
| Lower guides | 8 mm |
| Drive system | Central |
| Belt width | 152,4 mm |
| Rod diameter | Ø 4.6 mm |
| Retention system | Сар |
| | |
| | |
| | |

| Belt width (mm) | Material of the belt | Material of the rod | Belt strength (kg/m) | Temperature range (°C) | Lineal meter weight (kg) |
|-----------------|----------------------|---------------------|-------------------------|------------------------|-----------------------------|
| 152.4 | Acetal | Polypropylene | 2,250 | +1 to +90 | 1.13 |
| | | | | | |
| | | | | | |
| | | | | | |

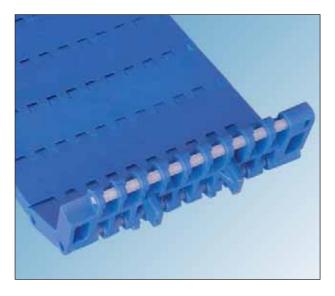




Belt with a 30 mm pitch and with one-only-piece geometry, 152.4 mm wide. It has one of its edges bevelled, to make easier the approach to the belt delivering the product, and lower guides in order to assure its alignment.

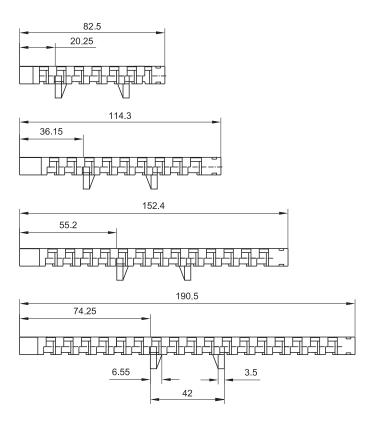
It has been designed to make lateral dynamic transferences of containers in perpendicular intersections of lines.

SERIES 32 FLAT TOP



| Pitch | 30 mm |
|------------------|----------|
| Surface | Flat Top |
| Open area | 0% |
| Thickness | 10 mm |
| Lower guides | 8 mm |
| Drive system | Central |
| Rod diameter | Ø 4.6 mm |
| Retention system | Сар |
| | |
| | |
| | |
| | |

| Belt width (mm) | Material of the belt | Material of the rod | Belt strength (kg/m) | Temperature range (°C) | Lineal meter weight (kg) |
|-----------------|----------------------|---------------------|----------------------|------------------------|-----------------------------|
| 82.5 | Polyacetal | Polypropylene | 2,250 | +1 to +90 | 0.70 |
| 114.3 | Polyacetal | Polypropylene | 2,250 | +1 to +90 | 0.90 |
| 152.4 | Polyacetal | Polypropylene | 2,250 | +1 to +90 | 1.15 |
| 190.5 | Polyacetal | Polypropylene | 2,250 | +1 to +90 | 1.43 |



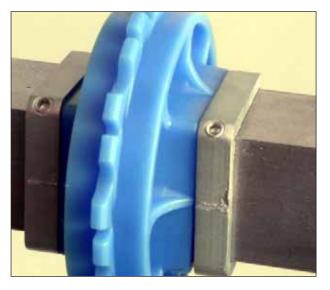


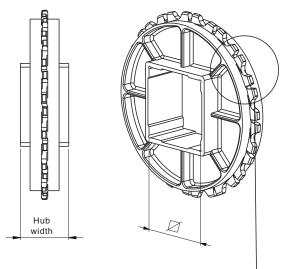
Belt with 30 mm pitch and with a geometry of only one part in different widths: 82.5 - 114.3 - 152.4 - 190.5 mm.

It has two lower guides to keep the belt aligned by counteracting the side forces.

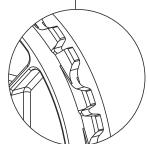


SPROCKETS





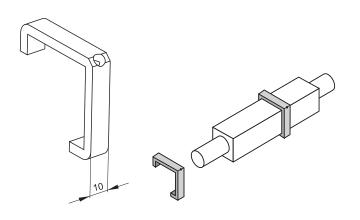
| N° of teeth T | Pitch Ø | Bore 🗹 | | Hub | Materials | |
|------------------|------------|----------------|--------------|-------|--|--|
| | | mm | inch | width | Materials | |
| 6 | 60 | 25 | - | 24 | | |
| 11 | 106.5 | 40 | 1.5" | 40 | | |
| 16 | 153.5 | 40 60 | 1.5" 2.5" | 40 | Polypropylene Polyacetal Stainless steel | |
| 20 | 191.5 | 40 60 90 | 1.5" | 40 | | |



We have plastic sprockets for round shaft with and without keyway.

We also have sprockets to be used with motor drum in applications needing a special cleaning or in conveyors in which it is not possible to place the motor in the outside due to problems of space or safety.

RETAINING RINGS



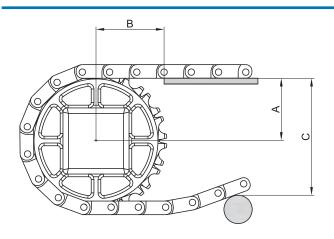
The fastening of the central sprocket is made by retaining rings manufactured in AISI-316 stainless steel. Their design allows an easy installation without dismantling or grooving the shaft. They are fastened through a screw that remains perfectly fixed in the ring.

| Bore 🗵 | Screws |
|--------|---------|
| 25 | M 5 x 5 |
| 40 | M 6 x 6 |
| 60 | M 6 x 6 |
| 90 | M 6 x 6 |

INFO

40-41

DESIGN DATA

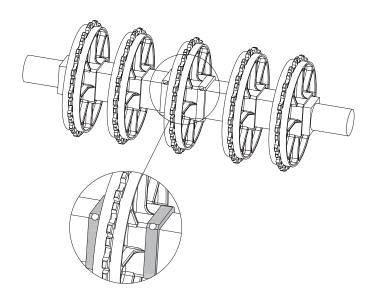


In the building of conveyors, the distances appearing in the table should be respected depending on the sprocket size:

| Ø Pitch | А | B max. | C max. |
|------------|----|-----------|-----------|
| 60 | 25 | 30 | 65 |
| 106.5 | 48 | 50 | 110 |
| 153.5 | 73 | 65 | 155 |
| 191.5 | 91 | 75 | 195 |
| | | | |

| Α | Distance between the sliding surface of the belt and the centre of the shaft. |
|---|--|
| В | Distance between the vertical of the shaft and the beginning of the sliding surface. |
| С | Distance between the sliding surface of the belt and the support of the return way. |

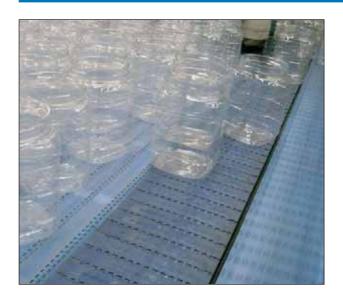
INSTALLATION



You must put 1 sprocket in the middle fastened with 2 retaining rings. Then you should put the same quantity of sprockets, without any fastening, at each side of that central sprocket. You should proceed the same way in both shafts.



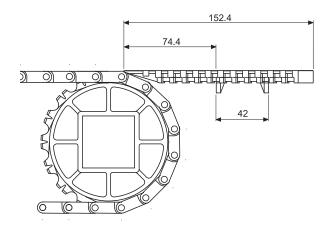
TRANSFERENCES WITH BELT



By using the Series 31 Lateral-Transfer Flat Top, dynamic and smooth lateral transferences can be carried out with no need of finger plates.

With one of its edges bevelled we manage to bring nearer the belts taking part in the transference, whereas the lower guides keep the belt aligned.

It has been designed for those applications in which we want to avoid the retention of containers in the transference area as well as to achieve more efficiency in their movement.





SERIES E30 OPEN GRID

Open surface with mini-flights, it is perfect for fish and seafood industry.



Special for product-in-bulk processes in inclined planes when the use of conventional flights is not possible.

It makes easier the transference, reduces the unevenness of unloading, and avoids the loss of product in the belt return.

These mini-flights reduce the contact surface between product and belt, decreasing the adherence in processes like fish glazing and transport of frozen fish. SERIES

E 3 0

OPEN GRID



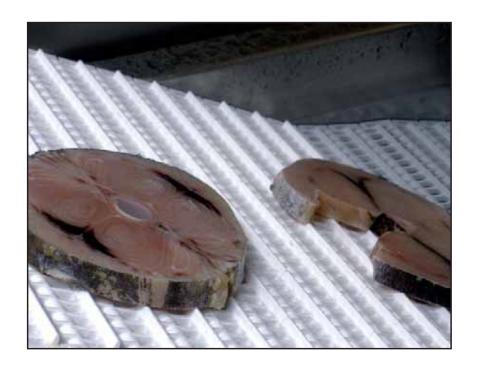
AFHER EUROBELT S.A.

Topacio,41 47012 Valladolid Spain

Phone: +34 983 217 480 Fax: +34 983 217 481 e-mail: afher@eurobelt.com

web: www.eurobelt.com

SERIES E30 OPEN GRID

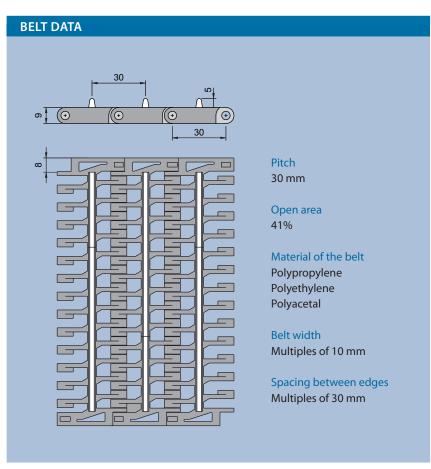


Their mini-flights help product in bulk to elevate and descend.

The great open area allows an excellent liquid drainage and an easy cleaning during maintenance operations.

It is manufactured in polypropylene, polyethylene and polyacetal. These materials observe the International Regulations for their use in food processes.

The minimum spacing between the transversal edges is 30 mm and it can be increased in multiples of 30 mm.







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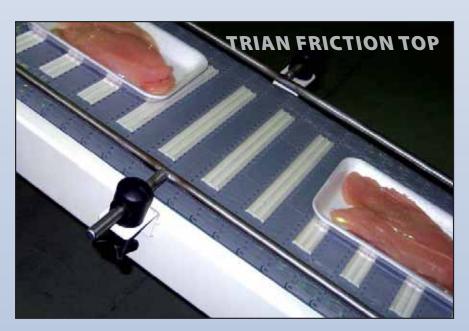
DISTRIBUTOR:



FRICTION TOP BELTS

Designed for providing an excellent adherence between product and belt to solve transport problems in inclined planes.





Friction Top surfaces succeed in combining plastic and rubber in one only piece taking advantage both of the modular system and of the adherence.

Both surfaces are manufactured in three Shore grades: A45, A55 and A64, covering a wide range between two different features, adherence and wear.

SERIES

E30

cartons

bags

shrink-wrappings

tyres

baggage

trays

metallic plates

containers

glass

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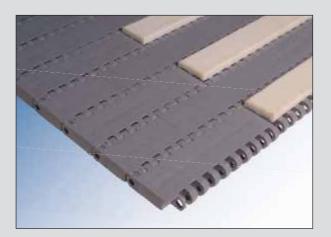
Topacio,41 47012 Valladolid

Phone: +34 983 217 480 Fax: +34 983 217 481

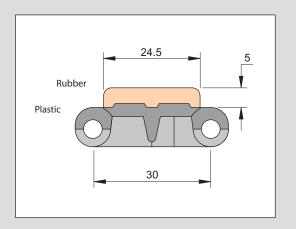
e-mail: afher@eurobelt.com web: www.eurobelt.com

FRICTION TOP BELTS

FLAT FRICTION TOP



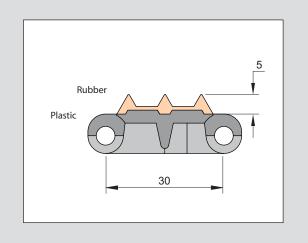
Flat Friction Top, with a flat rubber surface, is perfect for applications in which a maximum adherence is needed.



TRIAN FRICTION TOP



Trian Friction Top, designed with small transversal triangles, like mini flights, enables as well an easy and efficient cleaning.



BELT DATA

| | Rubber hardness grades | | | | | |
|---------------------|------------------------|---------------------|----------------|--|--|--|
| | Shore A45 | Shore A45 Shore A55 | | | | |
| Plastic colour | Grey | White | Grey | | | |
| Rubber colour | Black | Beige | Beige | | | |
| Belt strength | 1,100 kg/m | 1,100 kg/m | 1,100 kg/m | | | |
| Temperature range | +1 to + 103 °C | +1 to + 103 °C | +1 to + 103 °C | | | |
| Approved by the FDA | no | yes | yes | | | |

Material:

Polypropylene Polyethylene

Belt width:

Multiples of 10 mm

Spacing of rubber lines:

It can be assembled with all lines in rubber or spacing them in multiples of 30 mm



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| DISTRIBUTOR. | | |
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