

CHIORINO[®]
1906

Passion for belting

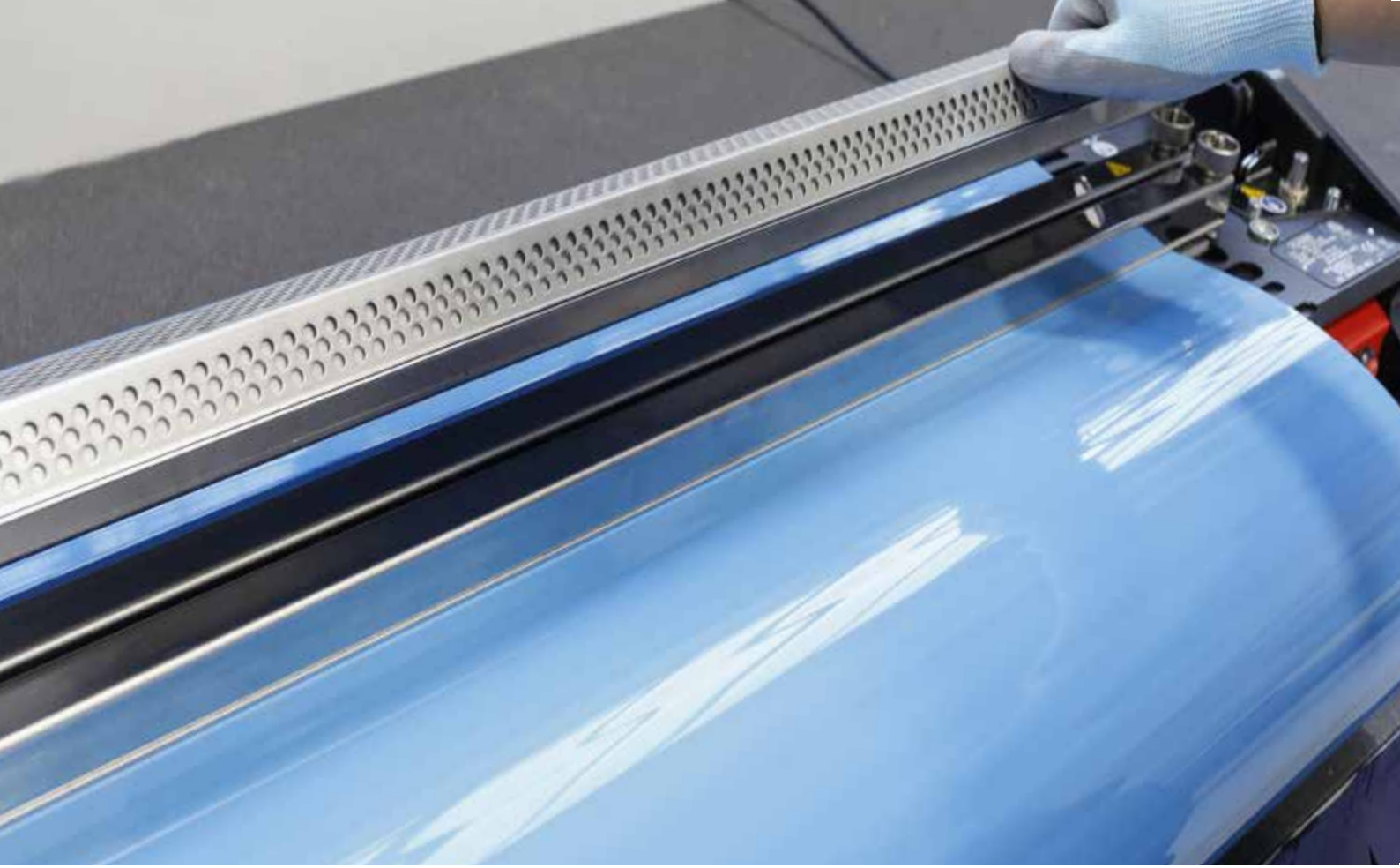
Your partner
for food
safety

PRODRIVE[™]

Easy to clean. Easy to fit. Easy to run.



**Monolithic
positive drive
belts**



Monolithic thermoplastic Positive drive conveyor & process belts

PRODRIVE™ monolithic thermoplastic TPU positive drive belts are designed for food processing where **highest hygiene levels & quick installation** are required.

PRODRIVE™ is suitable for all drive systems: **full lug, central lug and friction**. They can be supplied with **sidewalls, guides and profiles** and **punched holes** where dewatering is required.

Installation and retrofit of **PRODRIVE™** monolithic thermoplastic belts are quick and easy thanks to the **full compatibility with any sprockets** and to the **on-site joining equipment** designed to offer maintenance reduction.



Food safety



Reliability



Optimized TCO



Sustainability

PRODRIVE™

Easy to clean. Easy to fit. Easy to run.

Easy to CLEAN



PRODRIVE™ monolithic thermoplastic polyurethane belts are very easy to clean, reducing water and energy consumption and ensuring the highest food safety standards.

Food safety & hygiene



Water, time, energy saving



Easy to FIT



PRODRIVE™ belts can be installed on site with joining equipment designed to allow quick & easy maintenance operations.

Quick & easy to splice



Downtime reduction



Easy to RUN



PRODRIVE™ monolithic thermoplastic belts are versatile and easy to retrofit on any drive system. They ensure smooth tracking and reliable functioning.

Full compatibility with any sprocket



Total reliability



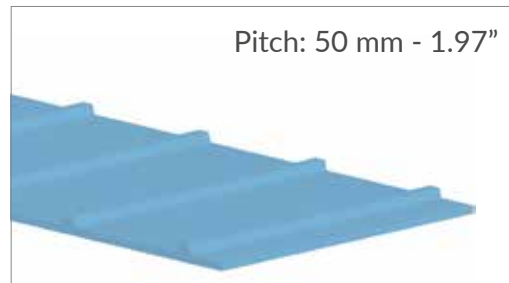
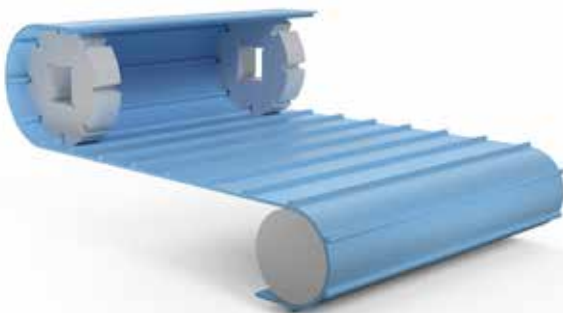
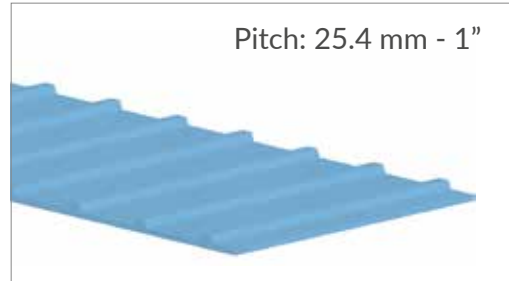
Certified Food Compliance

- ✓ Regulation EC 1935/2004 and amendments
- ✓ Regulation EC 2023/2006 and amendments
- ✓ Regulation EU 10/2011 and amendments
- ✓ FDA (Food and Drug Administration)

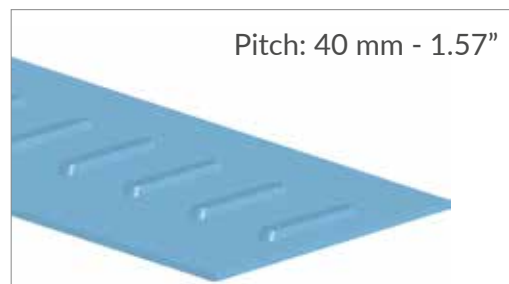


Drive systems

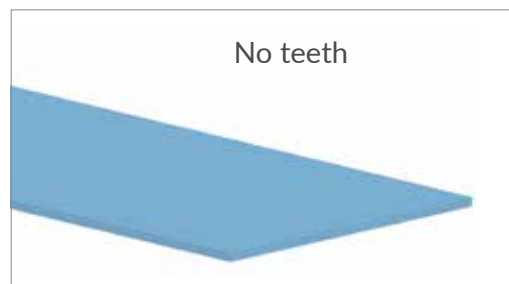
Full lug



Central lug



Friction

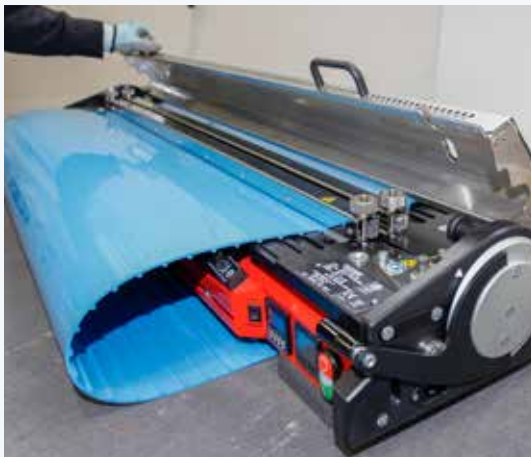


Quick & Easy on-site installation equipment

PRODRIVE™ monolithic thermoplastic belts can be fitted **on site** with **quick & easy** thermoplastic joining equipment designed to **reduce cost and maintenance**.

Press PD1000

code AT594



Maximum belt width

1000mm



Press PD1200L

code AT595



Maximum belt width

1200mm



Technical data

| Product name | Driving system | Material | Hardness | Conveying surface | Colour | Total thickness | | Pitch | | Min. diameter | Temperature resistance | | Max. width | Product code |
|---------------------------------|----------------|---------------|----------|-------------------|------------|-----------------|------|-------|------|---------------|------------------------|----|------------|--------------|
| | | | | | | mm | mm | mm | inch | | mm | °C | | |
| ProDrive S 30 LB | Friction | TPU polyester | 90 | Smooth matt | Light blue | 3.0 | - | - | 40 | 40 | -5 | 80 | 1200 | NA1823 |
| ProDrive F-S 28/25 GS LB | Full Lug | TPU polyester | 90 | Smooth glossy | Light blue | 2.8 | 25.4 | 1" | 65 | 65 | -5 | 80 | 1200 | NA1776 |
| ProDrive F-S 30/50 GS LB | Full Lug | TPU polyester | 90 | Smooth glossy | Light blue | 3.0 | 50 | 1.97" | 130 | 130 | -5 | 80 | 1200 | NA1810 |
| ProDrive F-S 30/50 LB | Full Lug | TPU polyester | 90 | Smooth matt | Light blue | 3.0 | 50 | 1.97" | 130 | 130 | -5 | 80 | 1200 | NA1774 |
| ProDrive F-S 30/50 GB LB | Full Lug | TPU polyester | 90 | Golf Ball | Light blue | 3.0 | 50 | 1.97" | 130 | 130 | -5 | 80 | 1200 | NA1773 |
| ProDrive C-S 30/40 GS LB | Central Lug | TPU polyester | 90 | Smooth glossy | Light blue | 3.0 | 40 | 1.57" | 100 | 100 | -5 | 80 | 1200 | NA1822 |
| ProDrive C-S 30/40 LB | Central Lug | TPU polyester | 90 | Smooth matt | Light blue | 3.0 | 40 | 1.57" | 100 | 100 | -5 | 80 | 1200 | NA2595 |
| ProDrive C-S 30/40 GS W | Central Lug | TPU polyester | 90 | Smooth glossy | White | 3.0 | 40 | 1.57" | 100 | 100 | -5 | 80 | 1200 | NA1824 |

| ProDrive | F | - | S | 30 | / | 50 | GS | LB |
|---|---------------------------------|---|-------------------|-----------------|---|----------|--|--|
| Chiorino monolithic belt ⁽¹⁾ | F = Full lug C = Central lug | | S = TPU polyester | thickness mm/10 | | Pitch mm | Surface texture GS = Glossy GB = Golf Ball | Colour LB = Light Blue W = White |

⁽¹⁾ All the products listed above are non reinforced. For reinforced versions please contact Chiorino Sales Department.

Golf Ball texture




Punched holes



Guides, Profiles, Sidewalls

| | Product name | Dimensions b x h | | | Material | Hardness | Colour | Min. transversal pitch | Min. transversal diameter ¹ | Product code |
|--|--------------|---------------------|--|--|----------|----------|--------|------------------------------|--|-----------------|
| | | mm | | | | | | | | |

Guides


| | | | | | | | | |
|---|----------------------------|--------|---------------|----|------------|----|-----|--------|
|  | K10 U P LB ProDrive | 10 x 6 | TPU polyester | 70 | Light blue | 40 | --- | ES1070 |
| | K13 U P LB ProDrive | 13 x 8 | TPU polyester | 70 | Light blue | 45 | --- | ES1071 |

Transversal profiles

| | | | | | | | | |
|---|--------------------------|---------|---------------|----|------------|----|----|--------|
|  | L20 U LB ProDrive | 20 x 20 | TPU polyester | 85 | Light blue | 45 | 60 | ES1066 |
| | L40 U LB ProDrive | 20 x 40 | TPU polyester | 85 | Light blue | 45 | 60 | ES1067 |
| | L60 U LB ProDrive | 20 x 60 | TPU polyester | 85 | Light blue | 45 | 60 | ES1068 |
| | L80 U LB ProDrive | 20 x 80 | TPU polyester | 85 | Light blue | 45 | 60 | ES1069 |
|  | T20 U LB ProDrive | 20 x 20 | TPU polyester | 85 | Light blue | 45 | 60 | ES1062 |
| | T40 U LB ProDrive | 20 x 40 | TPU polyester | 85 | Light blue | 45 | 60 | ES1063 |
| | T60 U LB ProDrive | 20 x 60 | TPU polyester | 85 | Light blue | 45 | 60 | ES1064 |
| | T80 U LB ProDrive | 20 x 80 | TPU polyester | 85 | Light blue | 45 | 60 | ES1065 |

¹ Minimum pulley diameters referred to environment conditions of 20°C.

Sidewalls

| | Product name | Dimensions | | | Material | Hardness | Colour | Minimum diameter ¹ | Product code |
|---|------------------------------|------------|-------|--------|---------------|----------|------------|----------------------------------|-----------------|
| | | mm | | | | | | | |
| | | Pitch | Width | Height | | | | | |
|  | C-U 20/40 LB ProDrive | 50 | 42 | 40 | TPU polyester | 85 | Light blue | 100 | ES1059 |
| | C-U 20/60 LB ProDrive | 50 | 42 | 60 | TPU polyester | 85 | Light blue | 150 | ES1060 |
| | C-U 20/80 LB ProDrive | 50 | 42 | 80 | TPU polyester | 85 | Light blue | 190 | ES1061 |

¹ Minimum pulley diameters referred to environment conditions of 20°C.

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More info on www.chiorino.com



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