



HOMOGENEOUS BELTING

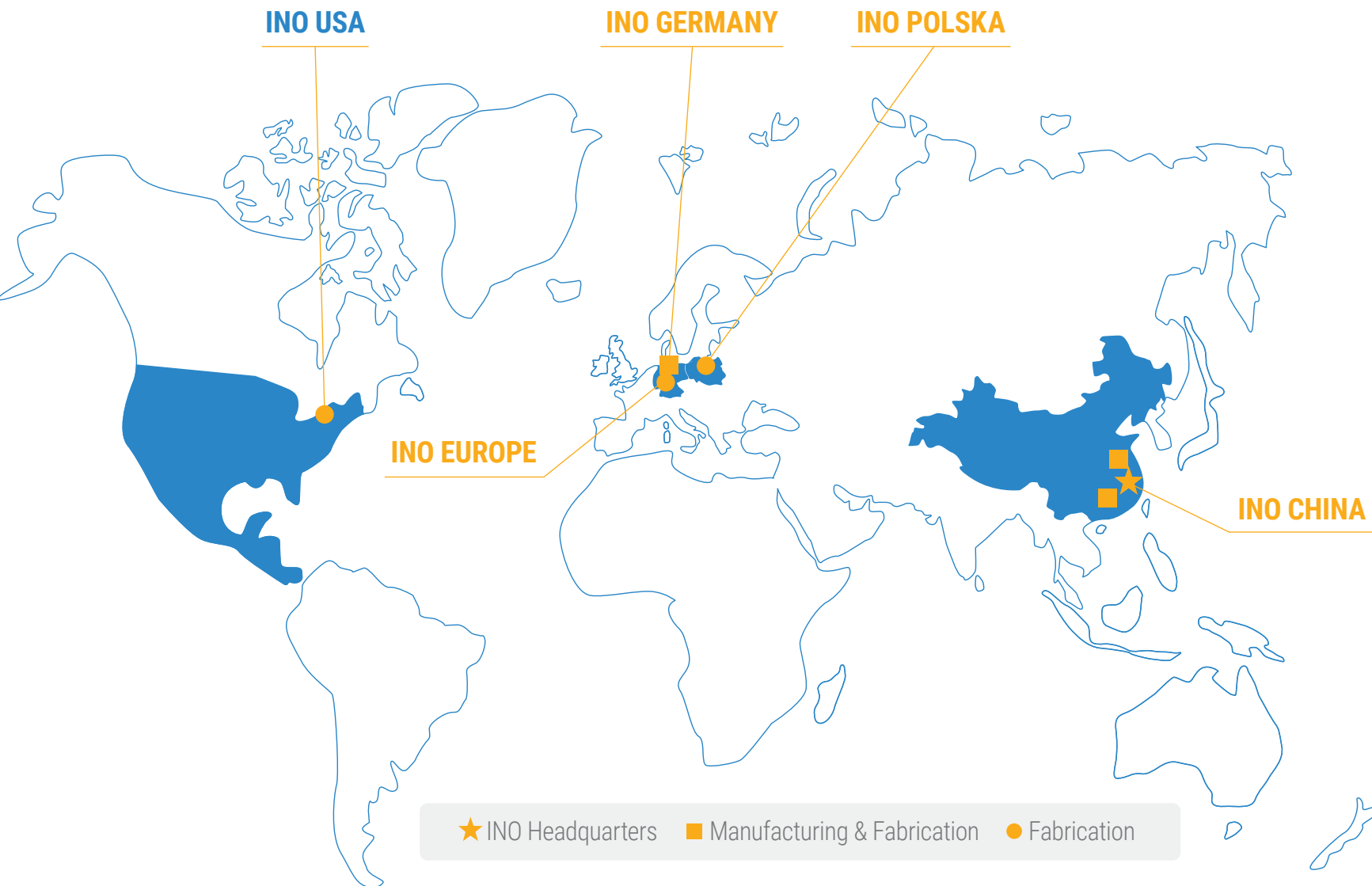
HOMOGENEOUS BELTING PRODUCT GUIDE



A wide-angle photograph of a modern industrial factory floor. In the foreground, a large blue machine with a red vertical panel and a large orange circular component is visible. To its left, another blue machine with a red panel and a large blue circular component is partially visible. In the background, more industrial equipment, including a large silver roller, is visible. The floor is concrete with yellow and black safety lines. A large orange banner with white text is overlaid on the right side of the image.

HOMOGENEOUS PRODUCTION

WORLDWIDE LOCATIONS



OUR MISSION

We empower belting distributors and OEMs to achieve their goals by giving them the support of a large manufacturer with no corporate BS.

OUR VISION

To make belting commerce fast and easy.

OUR VALUES

- SIMPLICITY
- AGILITY
- HONESTY
- TRANSPARENCY
- UNITY
- ACCOUNTABILITY
- RESULTS

30+

years in the belting industry.

70+

countries with our conveying products installed.

7000

clients in different sectors.

1.2M

square feet of manufacturing facilities around the world.



HOMOGENEOUS BELT MANUFACTURING

At INO USA we have full quality control from beginning to end. Everything is made in house, from extruding our homogeneous positive and friction belts

to adding guides, cleats, and punching holes. This makes sure your belt has great quality and lower cost.

20+

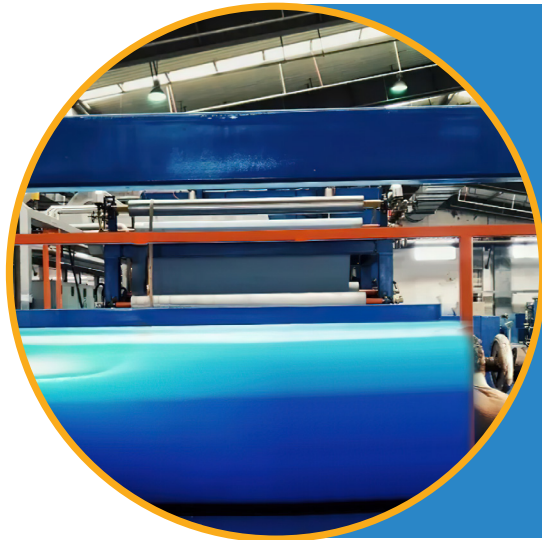
Homogeneous Belt types available

6

positive drive pitch profiles available.

32M+

square feet of belt production capacity per year worldwide



PRODUCTION & FABRICATION

STEP 1 - BELT PRODUCTION | 3 LINES
Positive and friction drive TPU belts are produced with various profiles.

STEP 2 - BELT FABRICATION | FULL FABRICATION SHOP
Belts can be fabricated with cleats, V-guides and sidewalls.

REOCLEAN HOMOGNEOUS BELTS

REOclean is our brand for homogeneous/monolithic belts. It has been developed by experts in belting and food processing. We deliver complete cutting edge solutions for food conveying and processing. By using the latest materials and unique production processes, this product range helps increase efficiency, lower bacteria counts and save water. The vision is to achieve the highest standards in food safety while lowering the industry's impact on the environment.

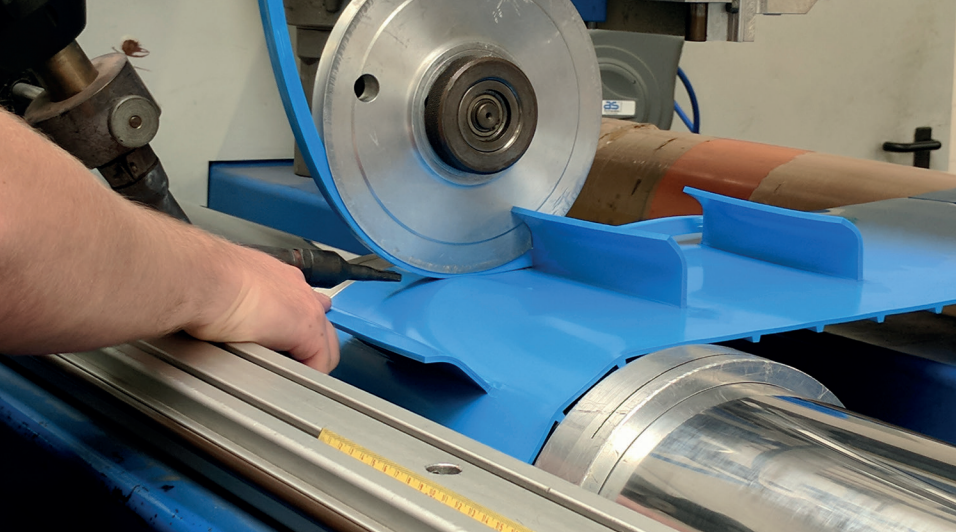
REOclean is a very versatile product. Popular use cases today are in the sub-dividing processes of the meat industry, cheese production, seafood processing, as well as frozen foods handling.

belting made easy

We walk you throughout the whole process, from helping you choose the best belt for your application to showing you how to fabricate and install it. We are flexible and easy to deal with, offering you the support of a large company without the corporate B.S.

Belting made easy means you are free from worries or problems. We are fast and efficient and protect your business by working only through distribution, so you can focus on supporting your customers instead of trying to protect them from us.

Check it out and discover why we are your best conveyor belt supplier!



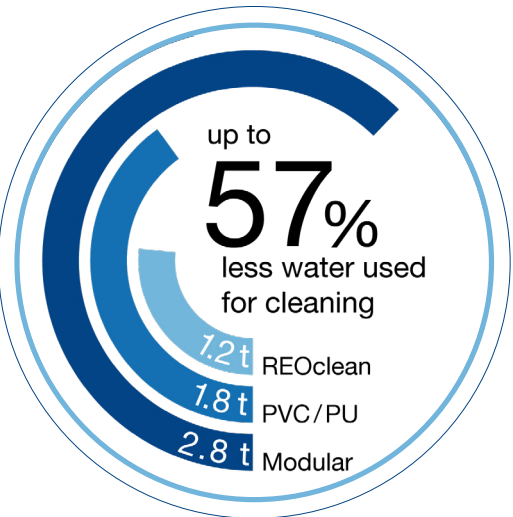
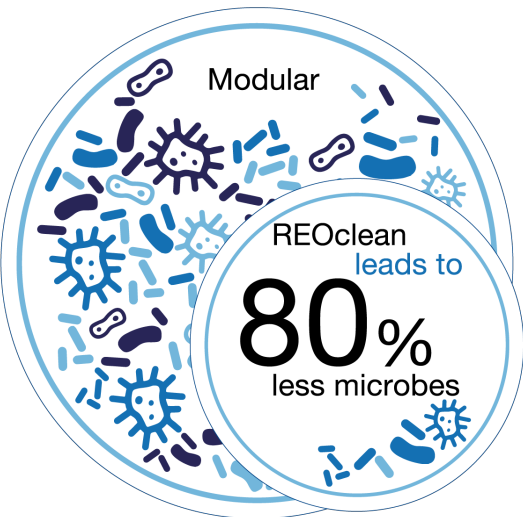
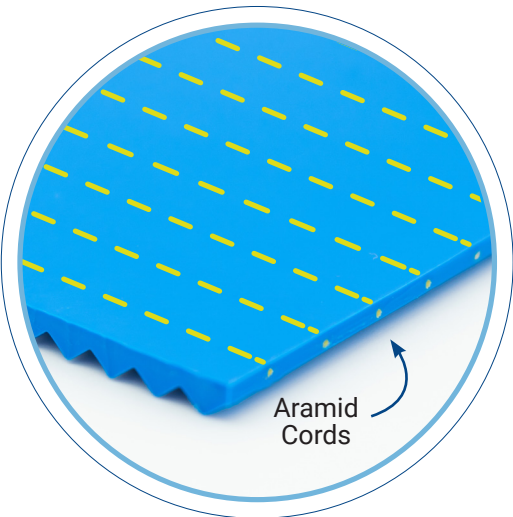
REOCLEAN VS THE REST

Fabric based belts and their construction carry major threats to modern food production facilities. The fabric layers are prone to contamination from blood and other liquids during product processing, which is a breeding ground for bacteria.

Modular belts have eliminated the fabric layers and allow for no absorption of any liquids by the belt. However, the modular system, which entails many gaps, hinges, and dead spots, makes perfect cleaning impossible.

REOclean is an advanced homogeneous conveyor belt that solves these shortcomings. REOclean features tensile members, sealed by thermoplastic polyurethane based materials. REOclean is easy to clean, carries heavy loads without stretching and reduces sanitation time and cost.

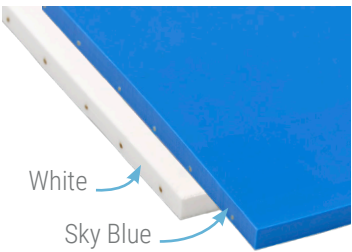
- ✓ **INCREASED HYGIENE** – homogeneous polyether-TPU makes cleaning easy and leaves no room for bacteria
- ✓ **LOWER COST** – shorter maintenance & cleaning times with less water consumption and BOD cost
- ✓ **ZERO ELONGATION** – Aramid cords guarantee “no stretch”
- ✓ **IMPROVED TRACKING** – belt stays in line under all loads



TYPES OF REOCLEAN HOMOGENEOUS BELT MATERIAL

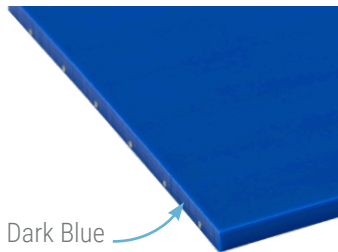
POLYESTER TPU BELTS

monolithic belts. It has been developed by experts in belting and food processing. We deliver complete cutting edge solutions for food conveying and processing. By using the latest materials and unique production processes, this product range helps

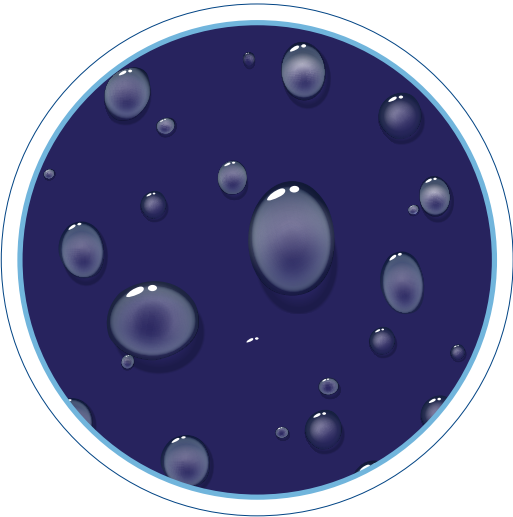


POLYETHER TPU BELTS

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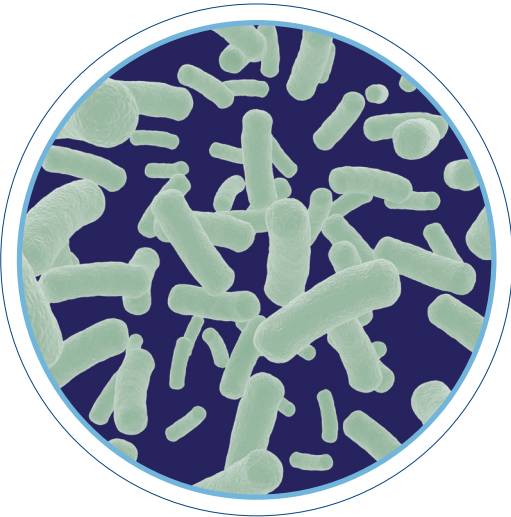


THE BENEFITS OF REOCLEAN DARK BLUE (DB)



HYDROLYSIS RESISTANT

Our material's hydrolysis resistant properties prevent the commonly seen waviness on the edges of homogeneous belts.



ANTIMICROBIAL EQUIPPED

The polyether-TPU compound actively limits microbial growth without additives.



EXTREME TEMPERATURES

REOclean DB types cover an extreme temperature range from -40°C to +100°C

REO-F13 S/W

The REO-F13 is a unique approach to build a bridge between fabric based conveyors and hygienic homogeneous conveyors. A pulley diameter of 9 mm can be achieved.

REO-F13 S/W is a FDA, EC10/2011 and USDA approved homogeneous belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces re-tensioning and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	78.74 in	1420 mm
Mass	0.33 lbf/ft2	2.6 kg/m2
Tensile force at 1% elongation (static)	45.60 lbf/in	16 N/mm
Min. Working Temp.	-4 F°	-20 C°
Min. Working Temp.	194 F°	90 C°
Flexion (A)	0.35 in	35 mm
Coefficient of Friction Dry (bottom side) - Steel	0.4	
Coefficient of Friction Wet (bottom side) - Steel	0.5	
Hardness (Shore A ISO 868)	92	

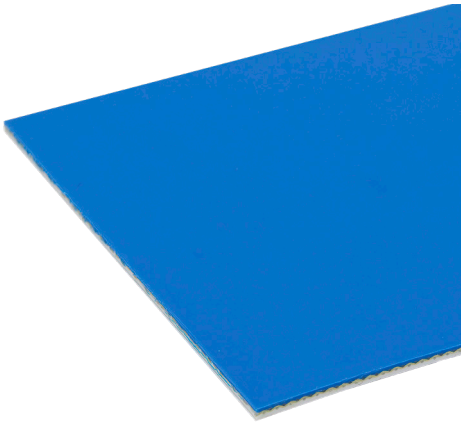
PROFILE INFORMATION

Base Belt Thickness	0.05 in	1.3 mm
Total Belt Thickness		
Pitch	0 in	0 mm
Tension Member	Aramid	
Spacing between cords	0.079 in	2 mm

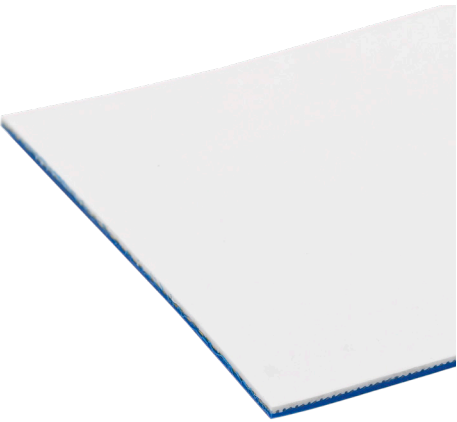
SPECIAL CHARACTERISTICS

- Food Approved, FDA Compliance
acc to 21 CFR parts 170-19
- Food Approved, EU Compliance
(EC) No. 1935/2004 & (EU) No. 10/2011

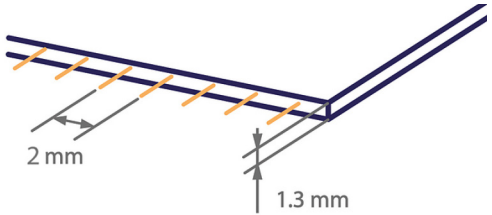
- USDA
Certified
- Oil & Fat
Resistant



TOP SIDE



BOTTOM SIDE



APPLICATION

- | | |
|----------------------------|---|
| Trough Suitable | ✓ |
| Wet (Hot/Cold) Environment | |
| Oily Environment | ✓ |
| Extreme Temp. | |
| Heavy Duty | |

REO-F30 W

The REO-F30 W belts are classic homogeneous flat belts but with a strong belt construction. A fully homogeneous top surface is kept with all its benefits.

REO-F30 W is a FDA, EC10/2011 and USDA approved homogeneous belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces re-tensioning and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.76 lbf/ft2	3.7 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-4 F°	-20 C°
Min. Working Temp.	194 F°	90 C°
Flexion (A)	3.54 in	90 mm
Coefficient of Friction Dry (bottom side) - Steel	0.4	
Coefficient of Friction Wet (bottom side) - Steel	0.5	
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.118 in	3 mm
Total Belt Thickness		
Pitch	0 in	0 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011
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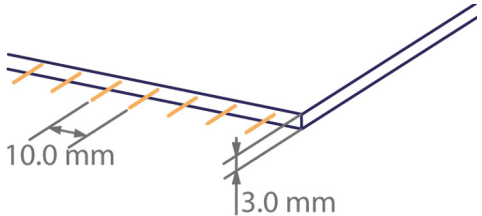
USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	


REO-F30 SB

The REO-F30 SB belts are classic homogeneous flat belts but with a strong belt construction. A fully homogeneous top surface is kept with all its benefits.

REO-F30 SB is a FDA, EC10/2011 and USDA approved homogeneous belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces re-tensioning and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.76 lbf/ft2	3.7 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-4 F°	-20 C°
Min. Working Temp.	194 F°	90 C°
Flexion (A) 	3.54 in	90 mm
Coefficient of Friction Dry (bottom side) - Steel	0.4	
Coefficient of Friction Wet (bottom side) - Steel	0.5	
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.118 in	3 mm
Total Belt Thickness		
Pitch	0 in	0 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

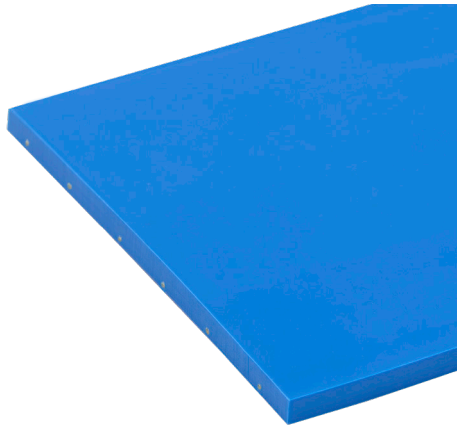
SPECIAL CHARACTERISTICS

Food Approved, FDA Compliance
acc to 21 CFR parts 170-19

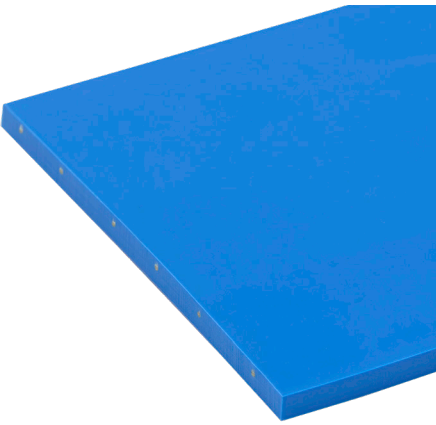
Food Approved, EU Compliance
(EC) No. 1935/2004 & (EU) No. 10/2011

USDA
Certified

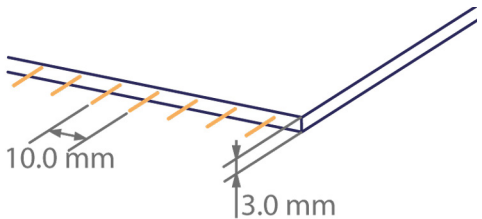
Oil & Fat
Resistant



TOP SIDE



BOTTOM SIDE



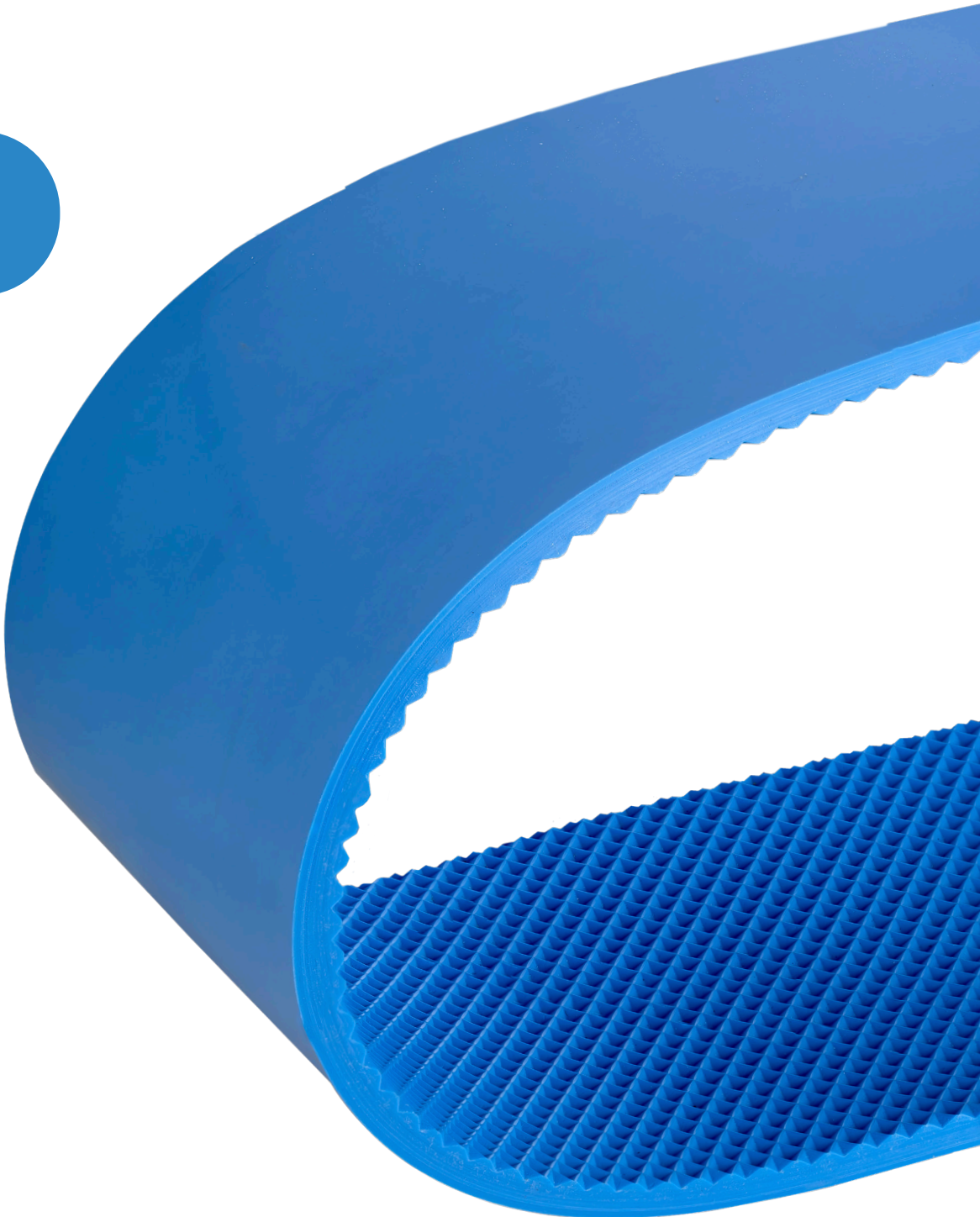
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REO-F30 IP SB

The REO-F30 IP SB belt is designed with an inverted pyramid bottom to provide excellent grip. A fully homogeneous top surface is kept with all its bene its.

REO-F30 IP SB is a FDA, EC10/2011 and USDA approved homogeneous belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces re-tensioning and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.76 lbf/ft2	3.7 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-4 F°	-20 C°
Min. Working Temp.	194 F°	90 C°
Flexion (A)	3.54 in	90 mm
Coefficient of Friction Dry (bottom side) - Steel	0.4	
Coefficient of Friction Wet (bottom side) - Steel	0.5	
Hardness (Shore A ISO 868)	95	

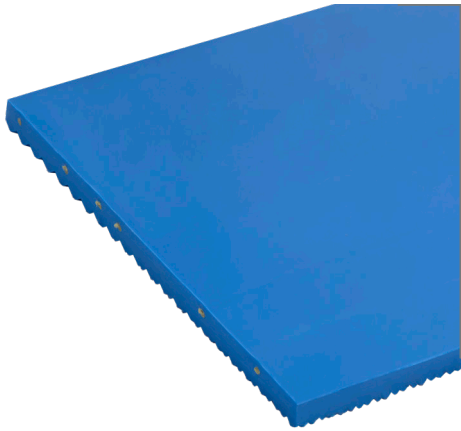
PROFILE INFORMATION

Base Belt Thickness	0.118 in	3 mm
Total Belt Thickness		
Pitch	0 in	0 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

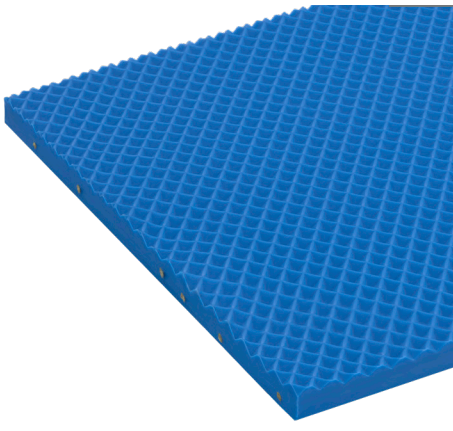
SPECIAL CHARACTERISTICS

Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011
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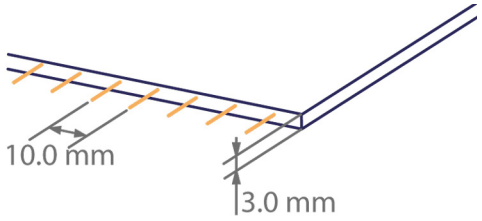
USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	


REO-F30 DB

The REO-F30 DB belt is a classic homogeneous flat belt but with a strong belt construction. A fully homogeneous belt with hydrolysis resistance and antimicrobial exquipped.

REO-F30 DB is a FDA, EC10/2011 and USDA approved homogeneous belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces re-tensioning and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.76 lbf/ft2	3.7 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-22 F°	-30 C°
Min. Working Temp.	230 F°	110 C°
Flexion (A) 	3.54 in	90 mm
Coefficient of Friction Dry (bottom side) - Steel		0.4
Coefficient of Friction Wet (bottom side) - Steel		0.5
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.118 in	3 mm
Total Belt Thickness		
Pitch	0 in	0 mm
Tension Member	Aramid	
Spacing between cords	0.39 in	10 mm

SPECIAL CHARACTERISTICS

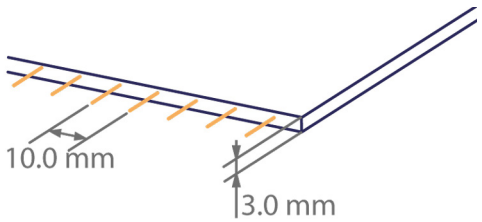
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



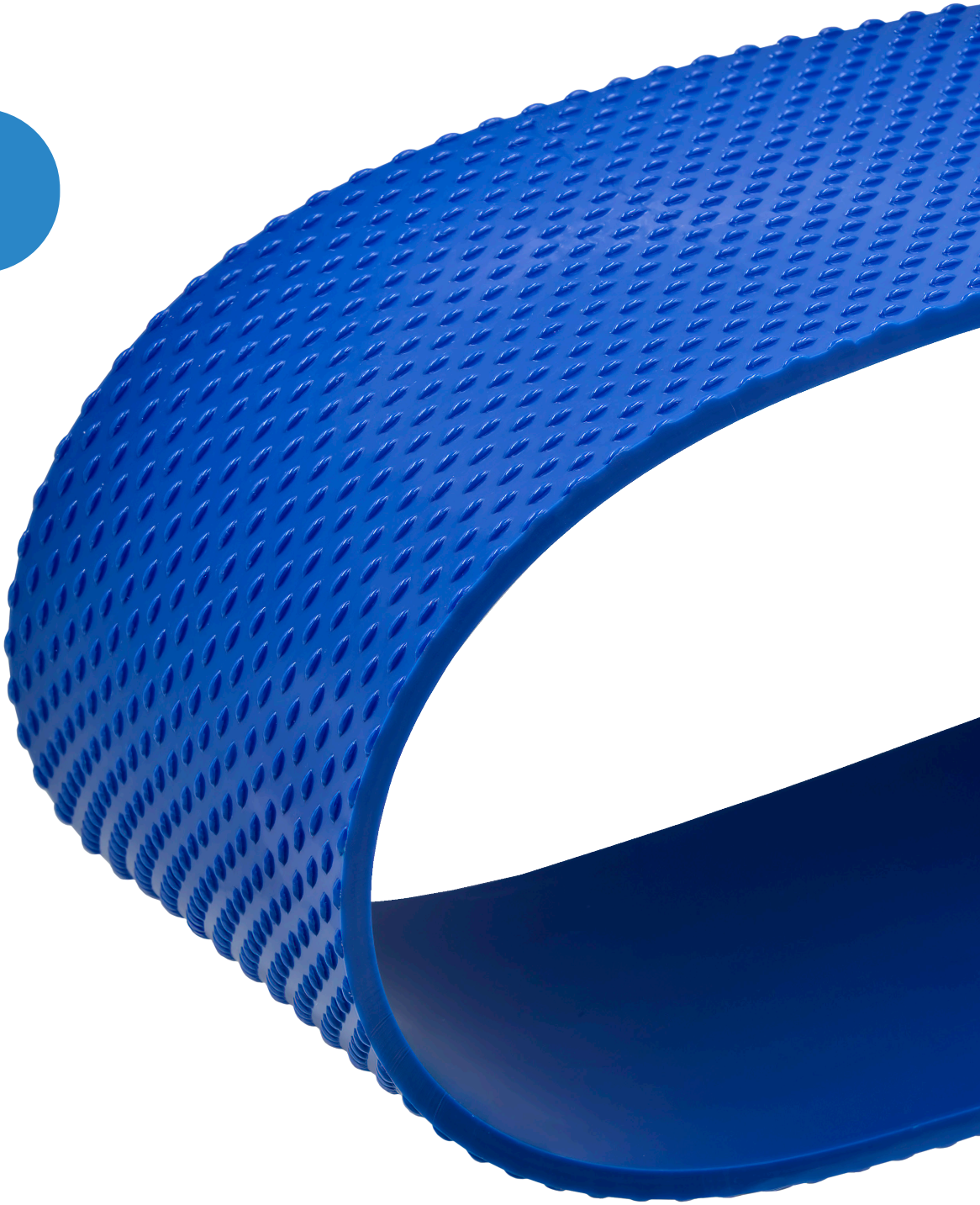
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	


REO-F30 RICE DB

The REO-F30 Rice DB belt has been designed specifically for very wet environments where an installation on a slider bed is desired. With the positive profile on the running side the possible suction effect is prevented and stress on the conveyor setup is minimized.

REO-F30 Rice DB is a FDA, EC10/2011 and USDA approved homogeneous belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces re-tensioning and increases belt life.



TECHNICAL INFORMATION

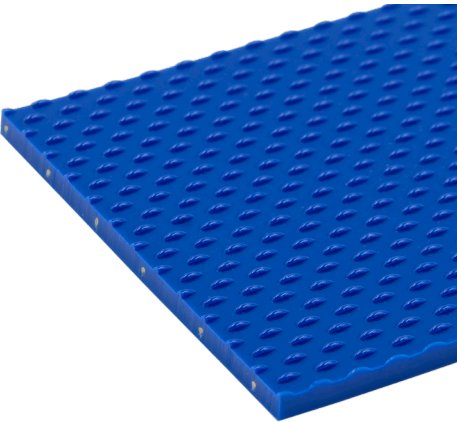
	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.78 lbf/ft2	3.7 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-22 F°	-30 C°
Min. Working Temp.	212 F°	100 C°
Flexion (A) 	3.54 in	90 mm
Coefficient of Friction Dry (bottom side) - Steel		0.3
Coefficient of Friction Wet (bottom side) - Steel		0.5
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.13 in	3.4 mm
Total Belt Thickness		
Pitch	0 in	0 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

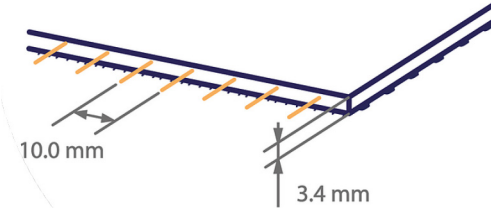
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



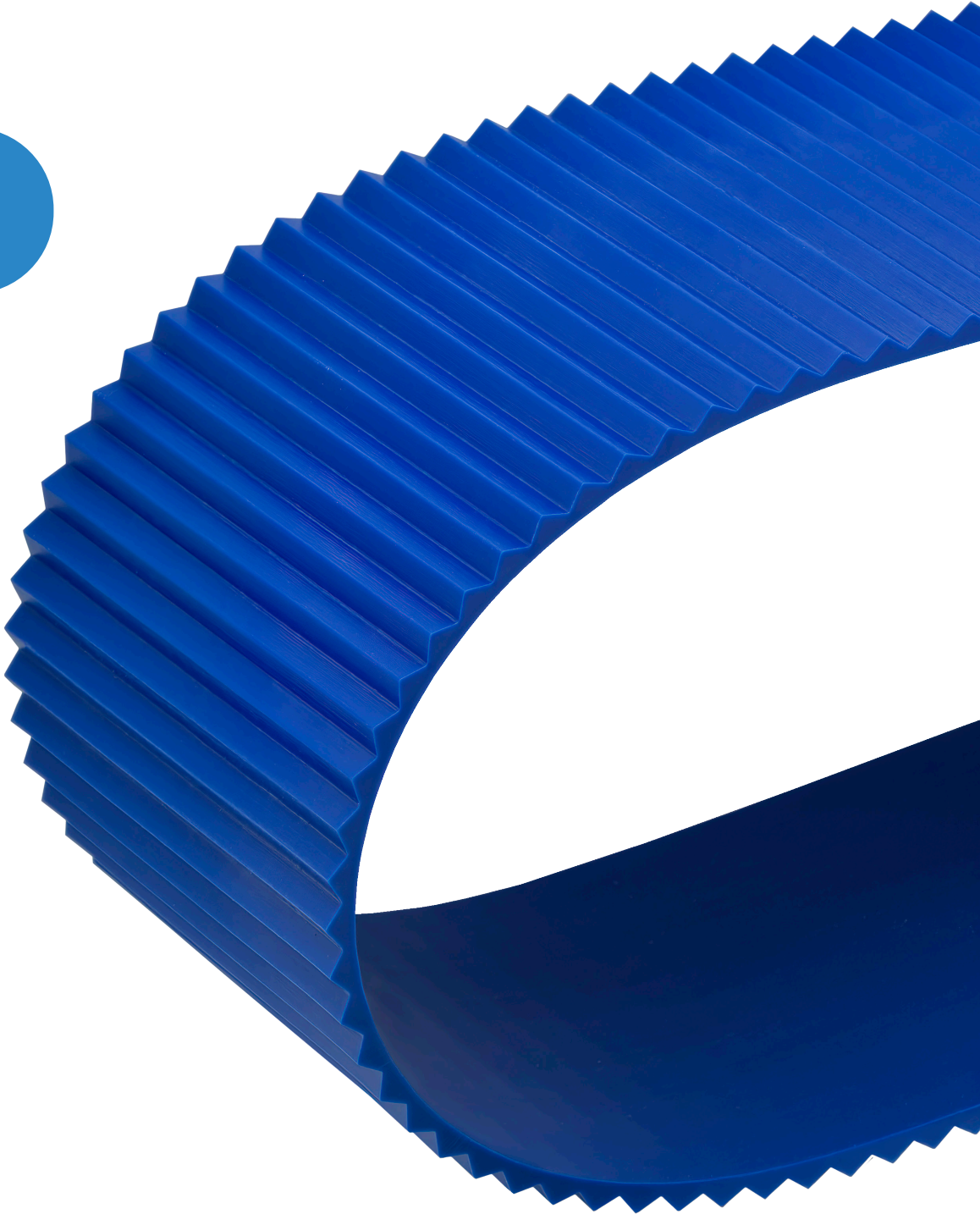
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REO-F30 RIB DB

The REO-F30 RIB DB has been created for demands in the fish and poultry handling industry. This profile is not limited to these industries and is already placed in both food and non-food applications.

REO-F30 RIB DB is a FDA, EC10/2011 and USDA approved homogeneous belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces re-tensioning and increases belt life.



TECHNICAL INFORMATION

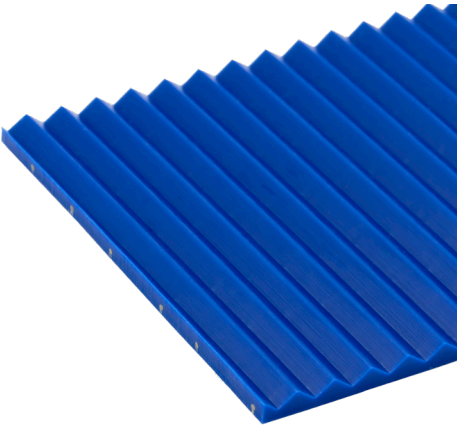
	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.64 lbf/ft2	3.7 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-22 F°	-30 C°
Min. Working Temp.	212 F°	100 C°
Flexion (A)	1.97 in	50 mm
Coefficient of Friction Dry (bottom side) - Steel	0.4	
Coefficient of Friction Wet (bottom side) - Steel	0.5	
Hardness (Shore A ISO 868)	90	

PROFILE INFORMATION

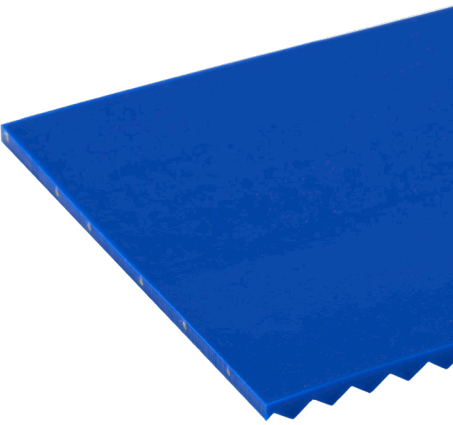
Base Belt Thickness	0.13 in	3.2 mm
Total Belt Thickness		
Pitch	0 in	0 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

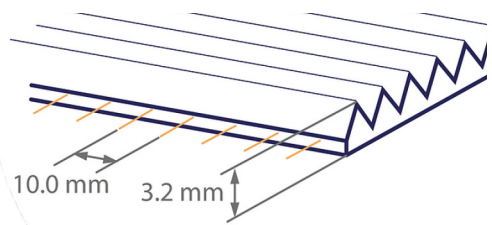
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



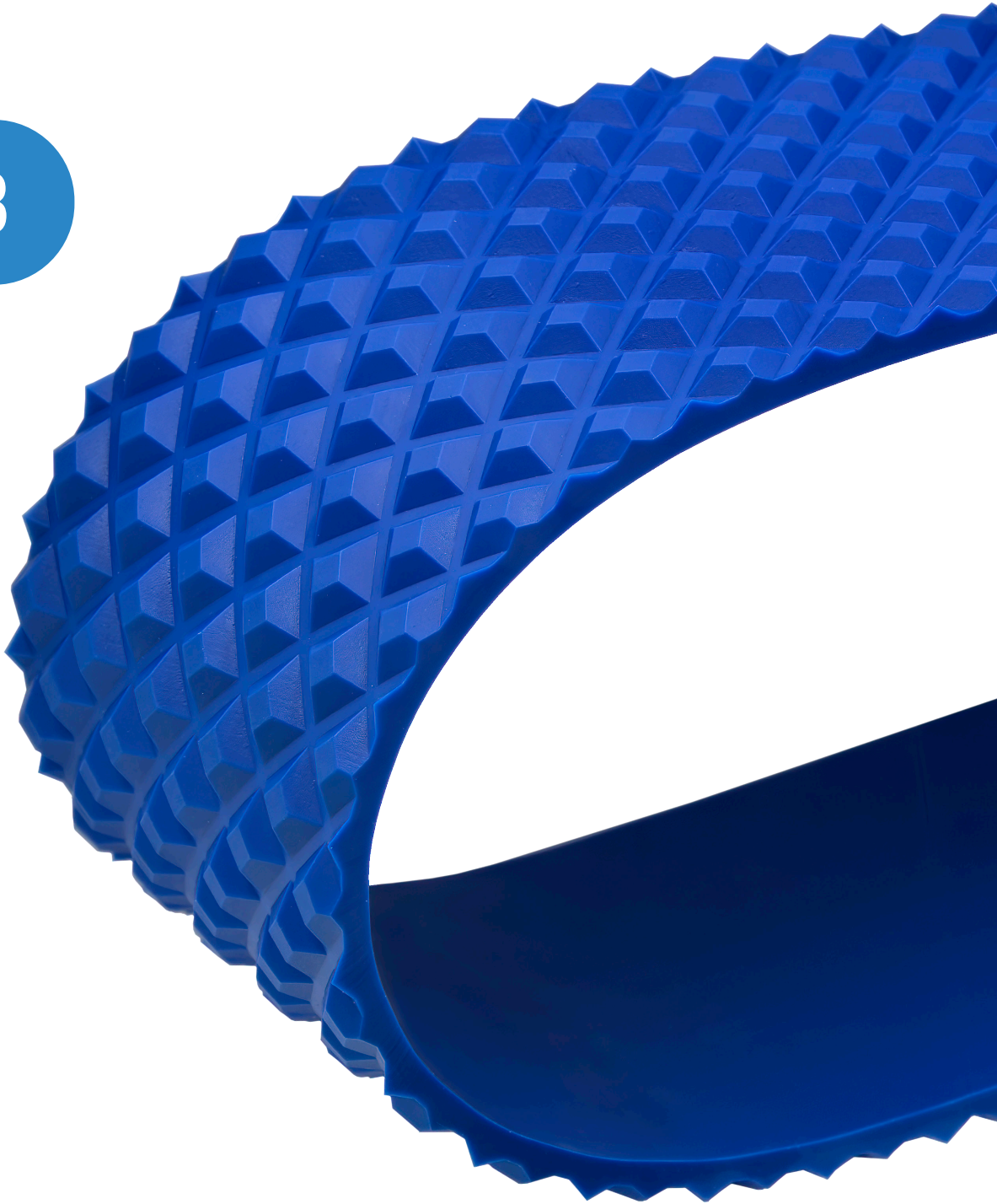
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REO-F40 MAYAN DB

The REO-F40 MAYAN DB is a unique homogeneous belt with a profile that has found use cases in bakeries, salmon processors and industrial conveying applications. It comes exclusively in our special DB material.

REO-F40 MAYAN DB is a FDA, EC10/2011 and USDA approved homogeneous belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces re-tensioning and increases belt life.



TECHNICAL INFORMATION

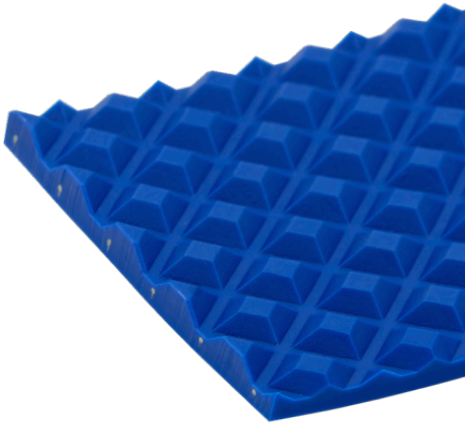
	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.76 lbf/ft2	3.7 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-22 F°	-30 C°
Min. Working Temp.	212 F°	100 C°
Flexion (A)	3.54 in	90 mm
Coefficient of Friction Dry (bottom side) - Steel	0.4	
Coefficient of Friction Wet (bottom side) - Steel	0.5	
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.17 in	4.3 mm
Total Belt Thickness		
Pitch	0 in	5 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

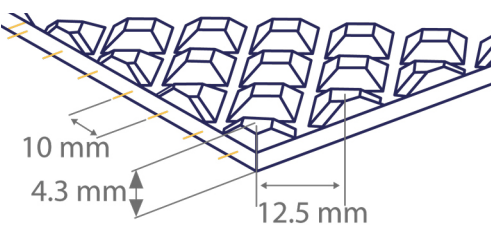
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



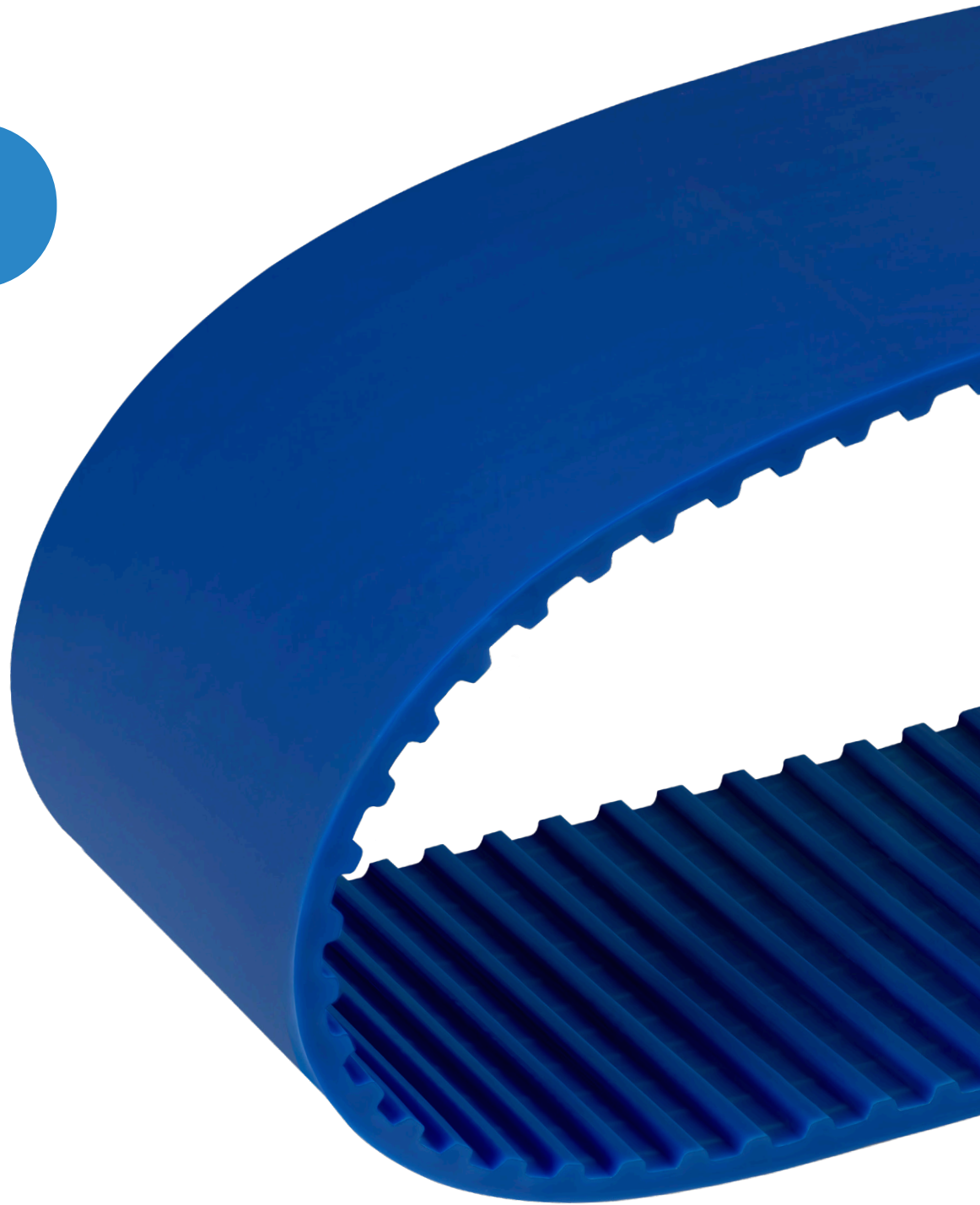
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REO-T5 DB

The REO-T5 DB is a positive driven belt that allows for smaller pulley applications.

REO-T5 DB is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

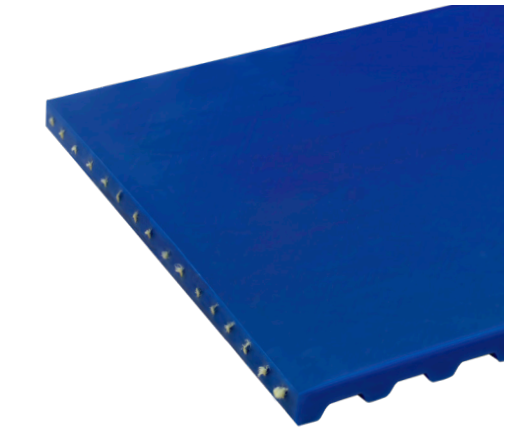
	IMPERIAL	METRIC
Max Production Width	10.24 in	260 mm
Mass	0.33 lbf/ft2	2.6 kg/m2
Tensile force at 1% elongation (static)	114.20 lbf/in	20 N/mm
Min. Working Temp.	-22 F°	-30 C°
Min. Working Temp.	212 F°	100 C°
Flexion (A)	1.18 in	30 mm
Coefficient of Friction Dry (bottom side) - Steel		0.4
Coefficient of Friction Wet (bottom side) - Steel		0.6
Hardness (Shore A ISO 868)	90	

PROFILE INFORMATION

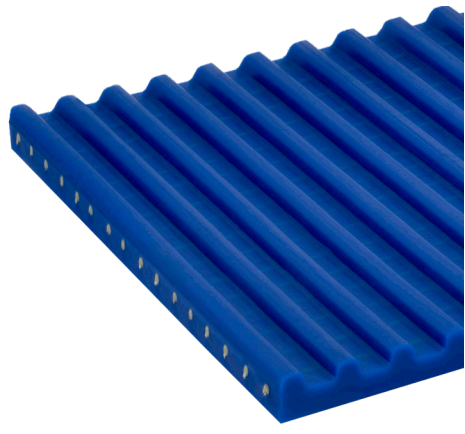
Base Belt Thickness	0.07 in	1.8 mm
Total Belt Thickness	0.17 mm	4.2 mm
Pitch	0.31 in	8 mm
Tension Member	Aramid	
Spacing between cords	1.53 in	3.9 mm

SPECIAL CHARACTERISTICS

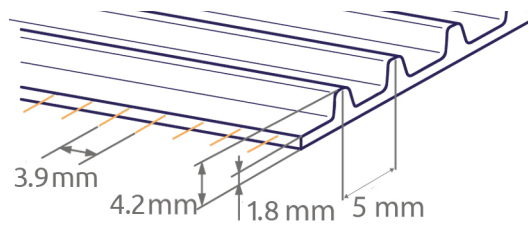
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



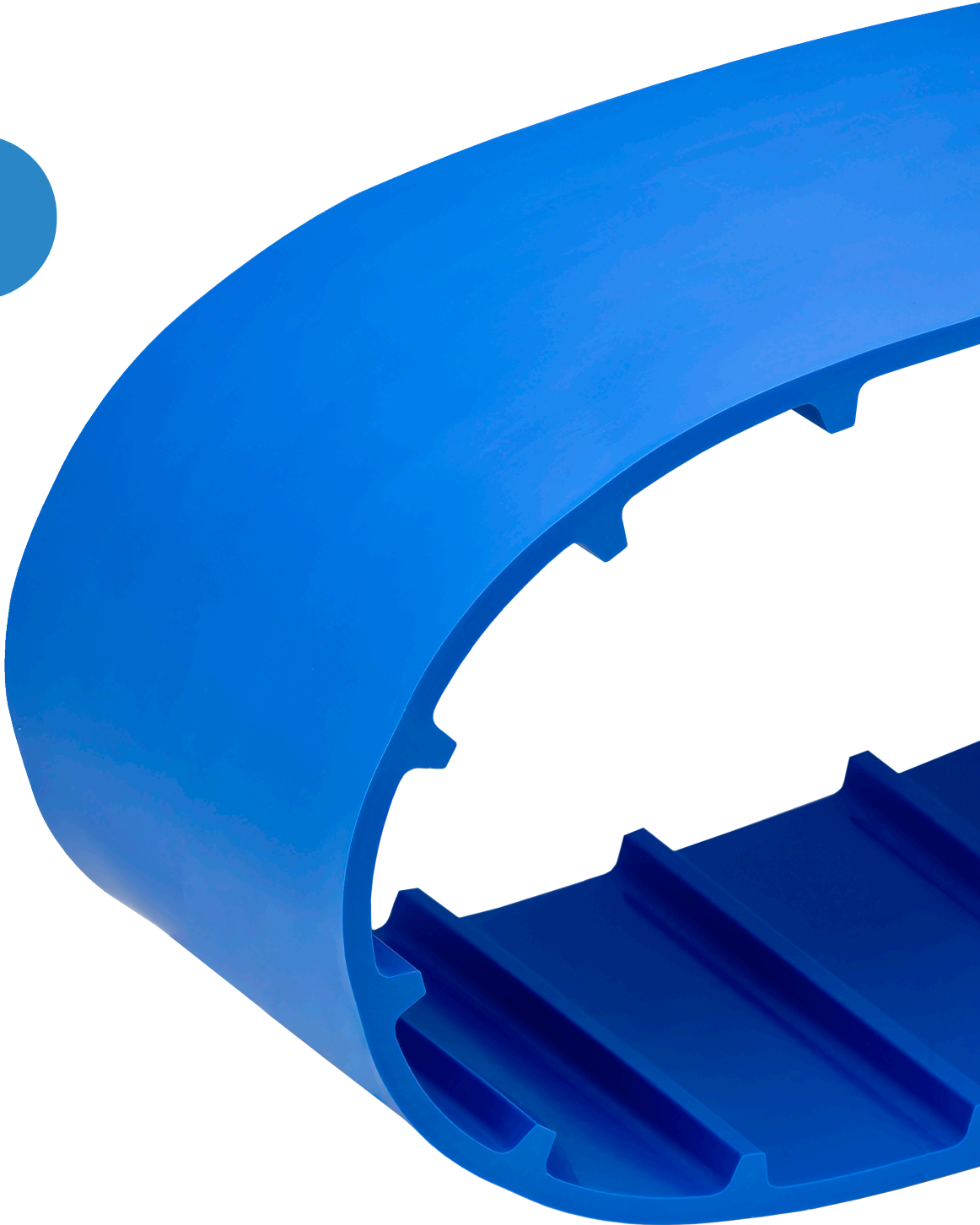
APPLICATION

Trough Suitable	
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	


REO-T25 SB

The REO-T25 SB is a positive driven belt that allows for smaller pulley applications.

REO-T25 SB is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.74 lbf/ft2	4.3 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-4 F°	-20 C°
Min. Working Temp.	212 F°	100 C°
Flexion (A) 	2.44 in	93 mm
Coefficient of Friction Dry (bottom side) - Steel		0.5
Coefficient of Friction Wet (bottom side) - Steel		0.6
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.010 in	2.5 mm
Total Belt Thickness	0.240 in	6.1 mm
Pitch	1 in	25 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

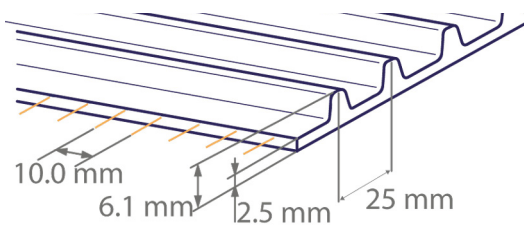
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



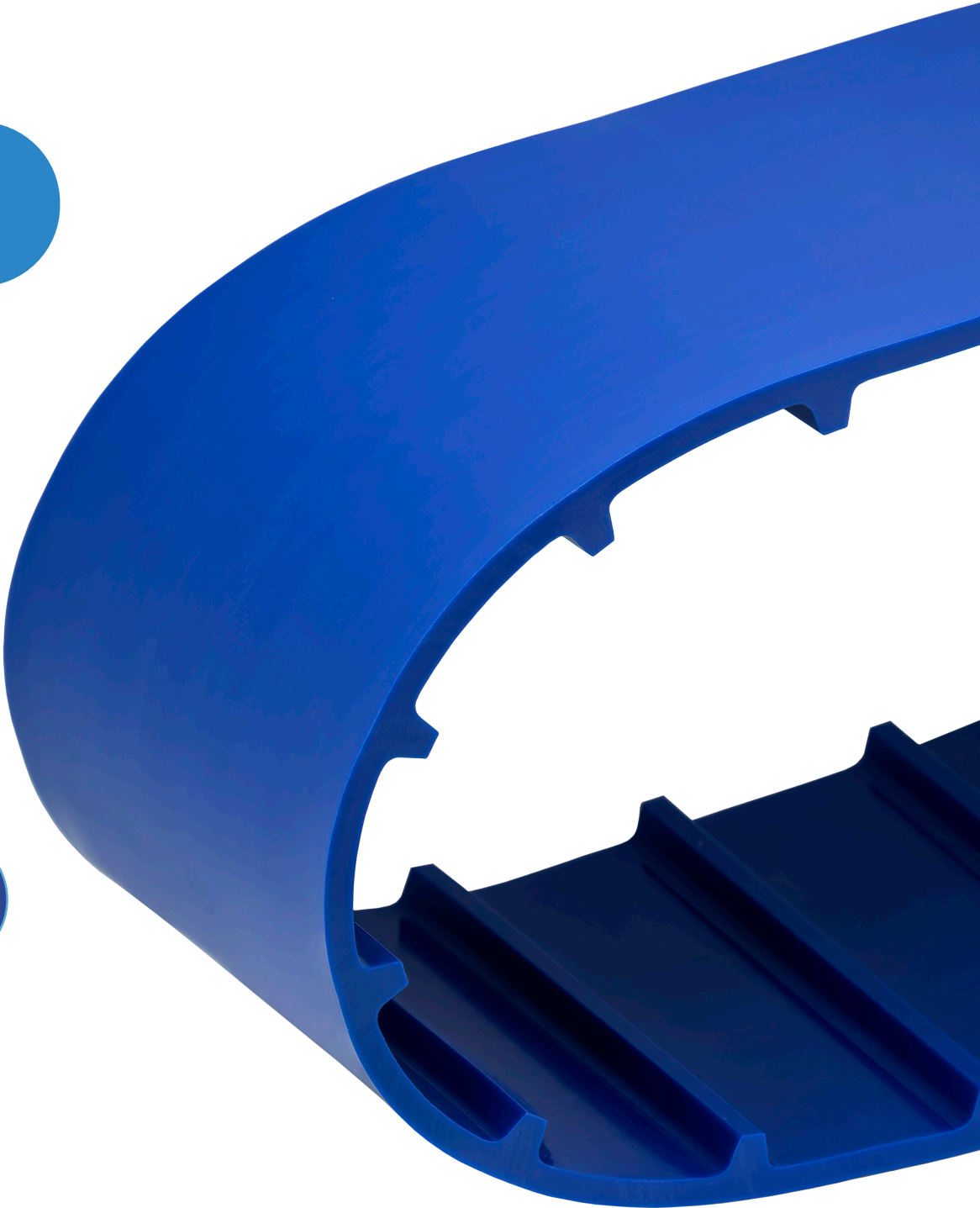
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REO-T25 DB LT

The REO-T25 DB LT is a positive driven belt that allows for smaller pulley applications even in the coldest environments.

REO-T25 DB LT is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.74 lbf/ft2	4.3 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-40 F°	-40 C°
Min. Working Temp.	194 F°	90 C°
Flexion (A)	2.44 in	93 mm
Coefficient of Friction Dry (bottom side) - Steel		0.5
Coefficient of Friction Wet (bottom side) - Steel		0.6
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.010 in	2.5 mm
Total Belt Thickness	0.240 in	6.1 mm
Pitch	1 in	25 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

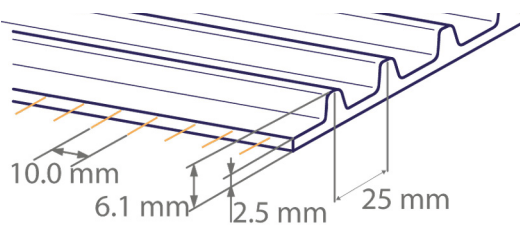
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant	Low Temp
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TOP SIDE



BOTTOM SIDE



APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	


REO-T50 W

The REO-T50 W is a classic 2 inch homogeneous belt that can directly be placed on most existing conveyor systems with similar belts.

REO-T50 W is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.88 lbf/ft2	4.3 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-4 F°	-20 C°
Min. Working Temp.	194 F°	90 C°
Flexion (A) 	3.66 in	93 mm
Coefficient of Friction Dry (bottom side) - Steel	0.4	
Coefficient of Friction Wet (bottom side) - Steel	0.5	
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.012 in	3.0 mm
Total Belt Thickness	0.295 in	7.5 mm
Pitch	2 in	50 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

Food Approved, FDA Compliance
acc to 21 CFR parts 170-19

Food Approved, EU Compliance
(EC) No. 1935/2004 & (EU) No. 10/2011

**USDA
Certified**

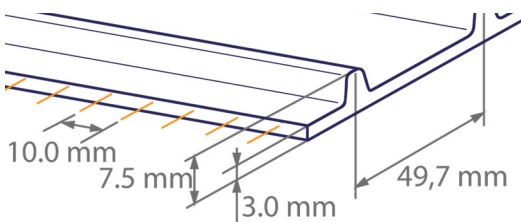
**Oil & Fat
Resistant**



TOP SIDE



BOTTOM SIDE



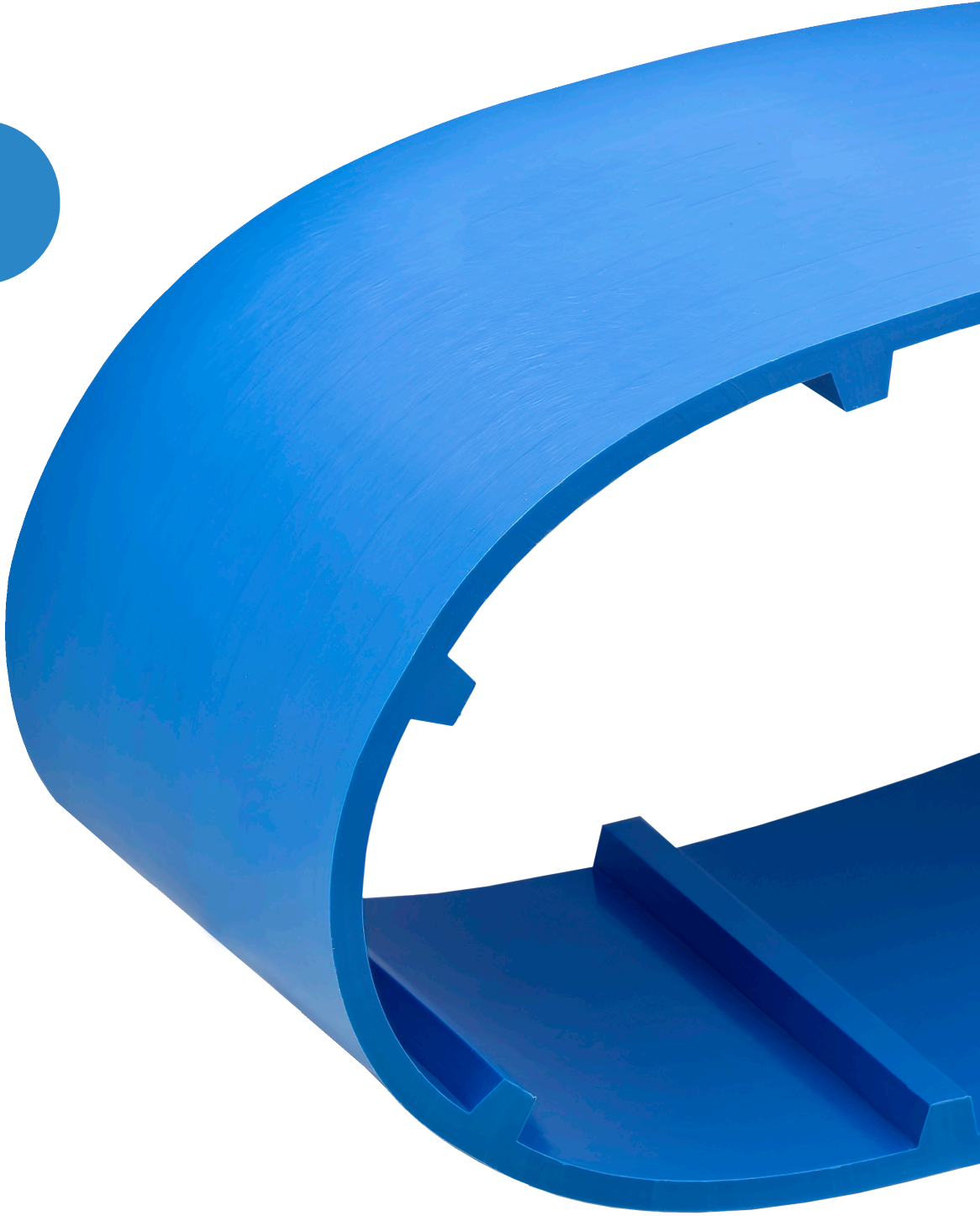
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REO-T50 SB

The REO-T50 SB is a classic 2 inch homogeneous belt that can directly be placed on most existing conveyor systems with similar belts.

REO-T50 SB is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.88 lbf/ft2	4.3 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-4 F°	-20 C°
Min. Working Temp.	194 F°	90 C°
Flexion (A)	3.66 in	93 mm
Coefficient of Friction Dry (bottom side) - Steel		0.4
Coefficient of Friction Wet (bottom side) - Steel		0.5
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

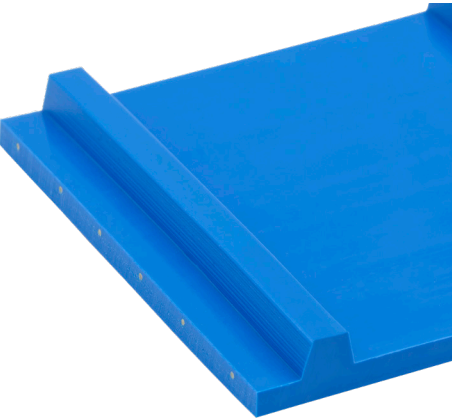
Base Belt Thickness	0.012 in	3.0 mm
Total Belt Thickness	0.295 in	7.5 mm
Pitch	2 in	50 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

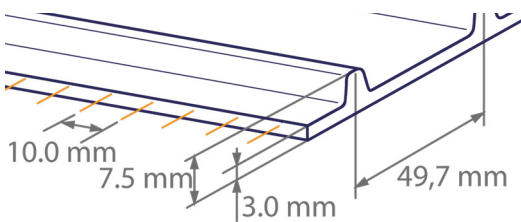
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



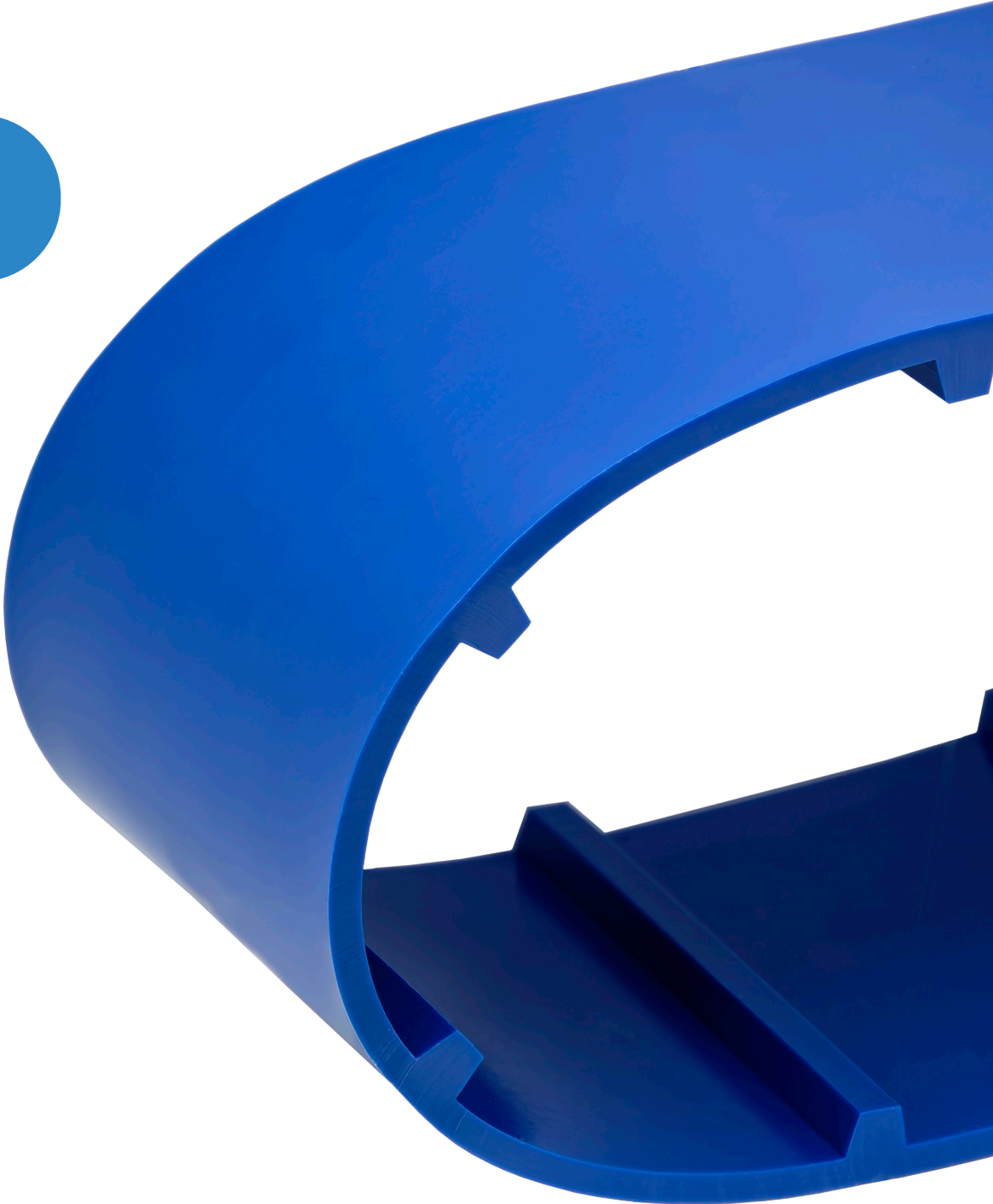
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REO-T50 DB

The REO-T50 DB is a classic 2 inch homogeneous belt but with our unique DB material, that makes it stand out in the market.

REO-T50 DB is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.88 lbf/ft2	4.3 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-22 F°	-30 C°
Min. Working Temp.	212 F°	100 C°
Flexion (A)	3.66 in	93 mm
Coefficient of Friction Dry (bottom side) - Steel		0.4
Coefficient of Friction Wet (bottom side) - Steel		0.5
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.012 in	3.0 mm
Total Belt Thickness	0.295 in	7.5 mm
Pitch	2 in	50 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

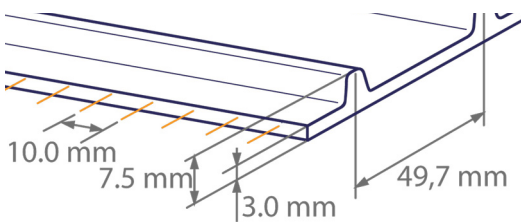
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



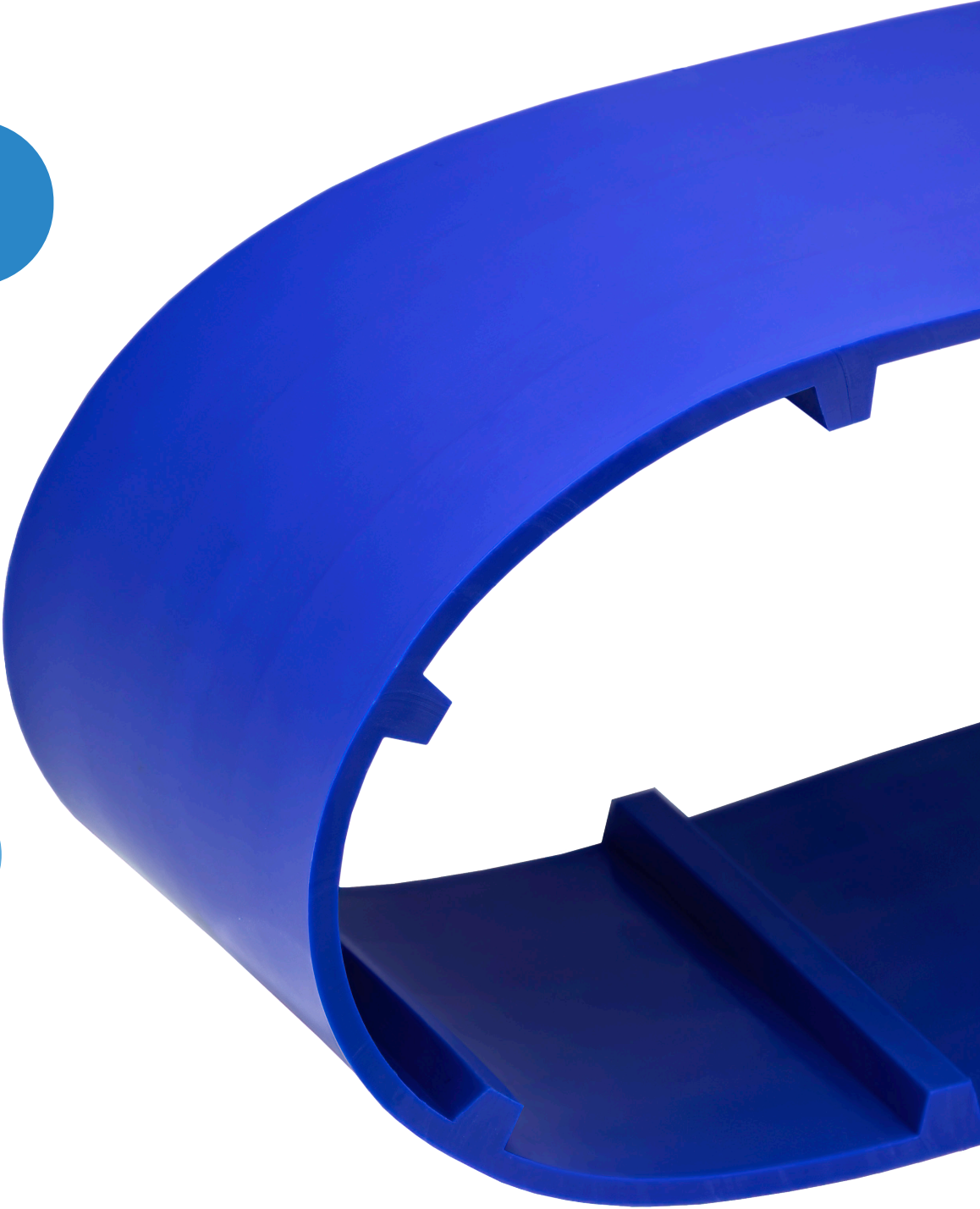
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REO-T50 DB LT

The REO-T50 DB MD is a metal detectable version of the 2 inch homogeneous belts.

REO-T50 DB is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.88 lbf/ft2	4.3 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-40 F°	-40 C°
Min. Working Temp.	194 F°	90 C°
Flexion (A)	3.66 in	93 mm
Coefficient of Friction Dry (bottom side) - Steel		0.4
Coefficient of Friction Wet (bottom side) - Steel		0.5
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

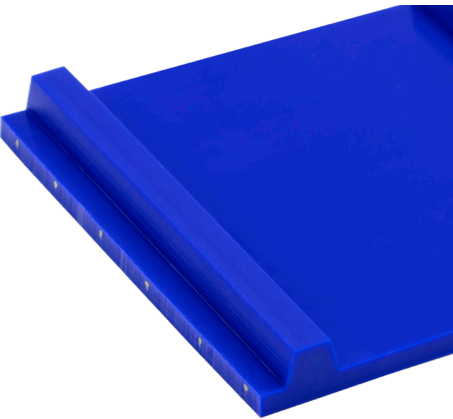
Base Belt Thickness	0.012 in	3.0 mm
Total Belt Thickness	0.295 in	7.5 mm
Pitch	2 in	50 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

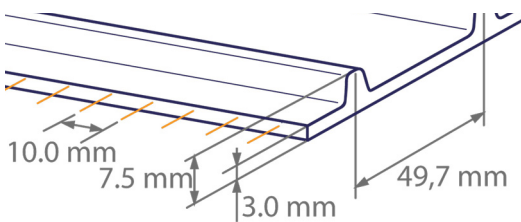
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant	Low Temp
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TOP SIDE



BOTTOM SIDE



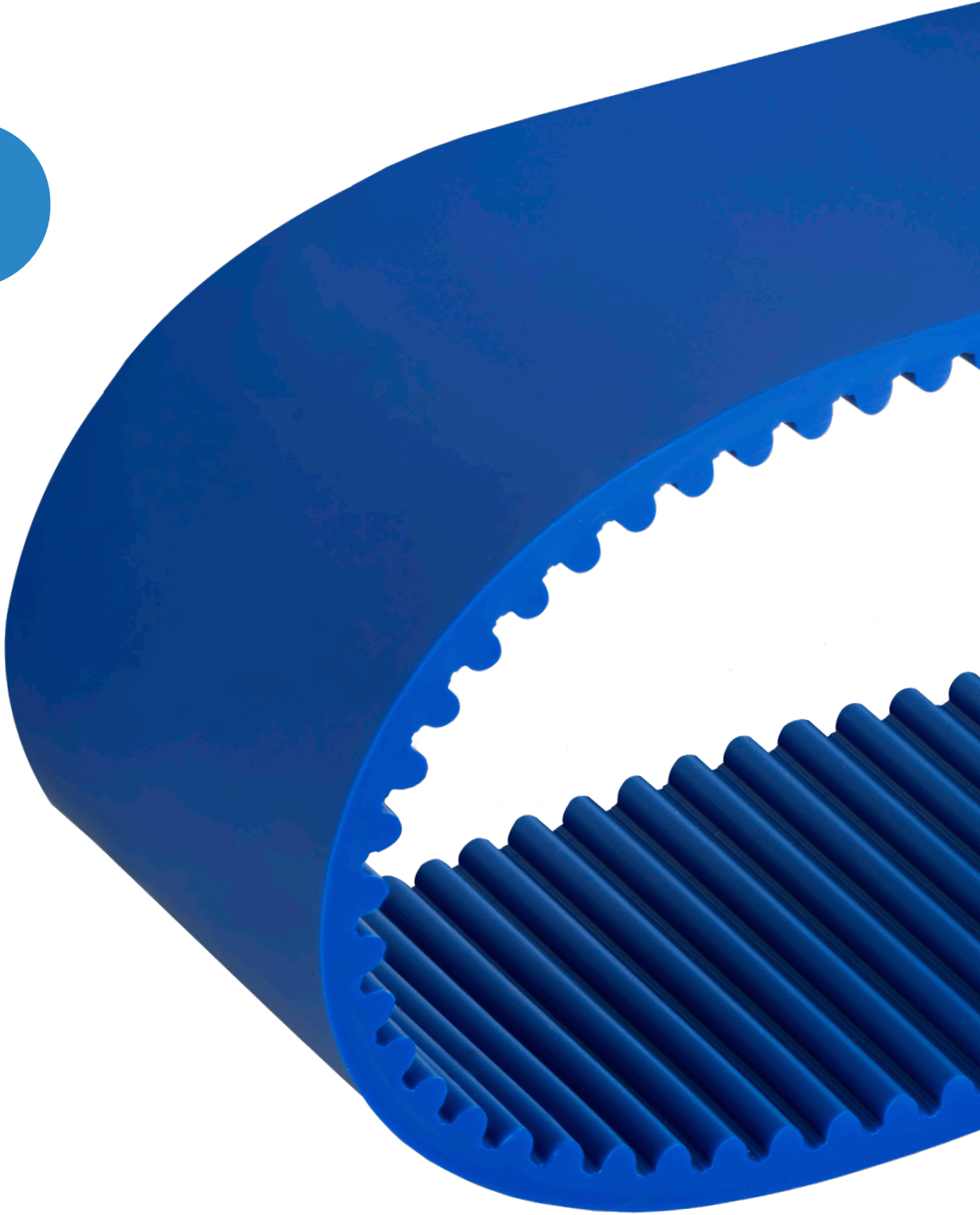
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REO-M5 DB

The REO-M5 DB is a heavy duty homogeneous belt that allows pork and beef processors to finally switch to hygienic belting in the most demanding applications. It comes exclusively in our special DB material.

REO-M5 DB is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	39.30 in	1000 mm
Mass	0.984 lbf/ft2	4.8 kg/m2
Tensile force at 1% elongation (static)	114.20 lbf/in	20 N/mm
Min. Working Temp.	-22 F°	-30 C°
Min. Working Temp.	212 F°	100 C°
Flexion (A)	2.99 in	76 mm
Coefficient of Friction Dry (bottom side) - Steel		0.5
Coefficient of Friction Wet (bottom side) - Steel		0.6
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.12 in	3.0 mm
Total Belt Thickness	0.21 in	5.3 mm
Pitch	.20 in	5 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

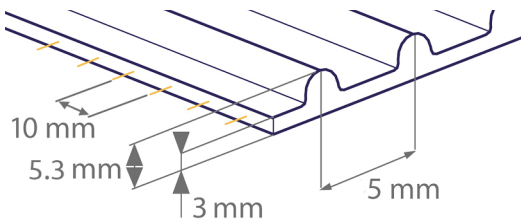
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TOP SIDE



BOTTOM SIDE



APPLICATION

Trough Suitable	
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	✓

REO-M25 DB

The REO-M25 DB is a heavy duty homogeneous belt that allows pork and beef processors to finally switch to hygienic belting in the most demanding applications. It comes exclusively in our special DB material.

REO-M25 DB is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.88 lbf/ft2	7 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	26 N/mm
Min. Working Temp.	-22 F°	-30 C°
Min. Working Temp.	212 F°	100 C°
Flexion (A)	7.24 in	184 mm
Coefficient of Friction Dry (bottom side) - Steel		0.6
Coefficient of Friction Wet (bottom side) - Steel		0.5
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.015 in	3.8 mm
Total Belt Thickness	0.295 in	10 mm
Pitch	1 in	25 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

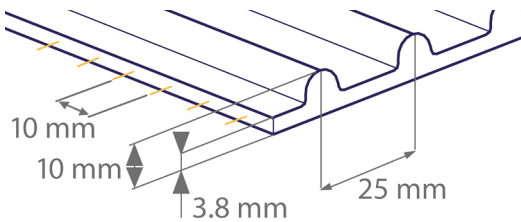
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



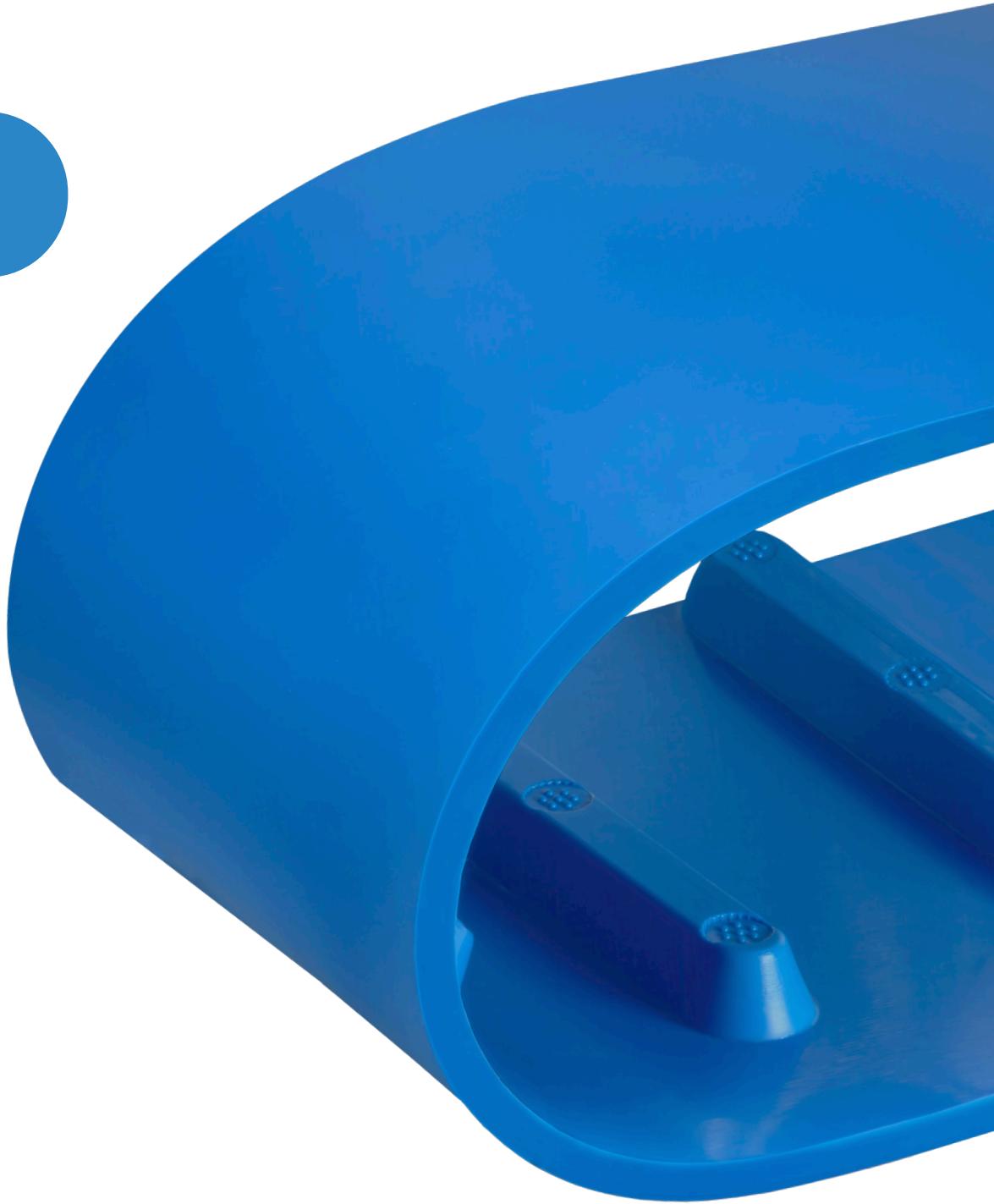
APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	


REO-AT40 SB

The REO-AT40 SB provides a real alternative to other self-tracking homogeneous belts in the market. It's strong construction and smooth surface further ease cleaning and prevent common shortcomings of a traditional homogeneous belt.

REO-AT40 SB is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.88 lbf/ft2	4.3 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-4 F°	-20 C°
Min. Working Temp.	194 F°	90 C°
Flexion (A) 	4.92 in	125 mm
Coefficient of Friction Dry (bottom side) - Steel	0.4	
Coefficient of Friction Wet (bottom side) - Steel	0.6	
Hardness (Shore A ISO 868)	95	

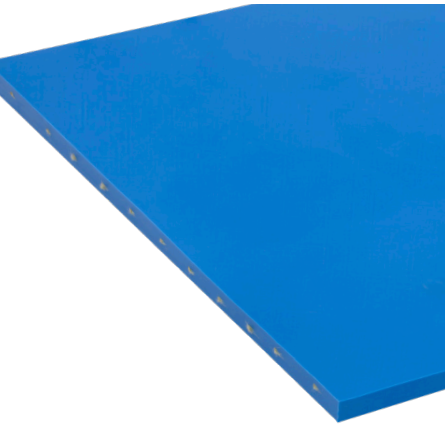
PROFILE INFORMATION

Base Belt Thickness	0.014 in	3.6 mm
Total Belt Thickness	0.295 in	10 mm
Pitch	1.75 in	40 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

Food Approved, FDA Compliance
acc to 21 CFR parts 170-19

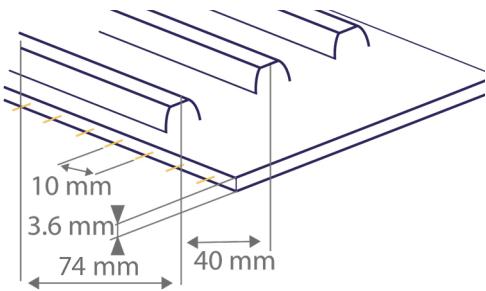
Food Approved, EU Compliance
(EC) No. 1935/2004 & (EU) No. 10/2011



TOP SIDE



BOTTOM SIDE



APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	
Oily Environment	✓
Extreme Temp.	
Heavy Duty	

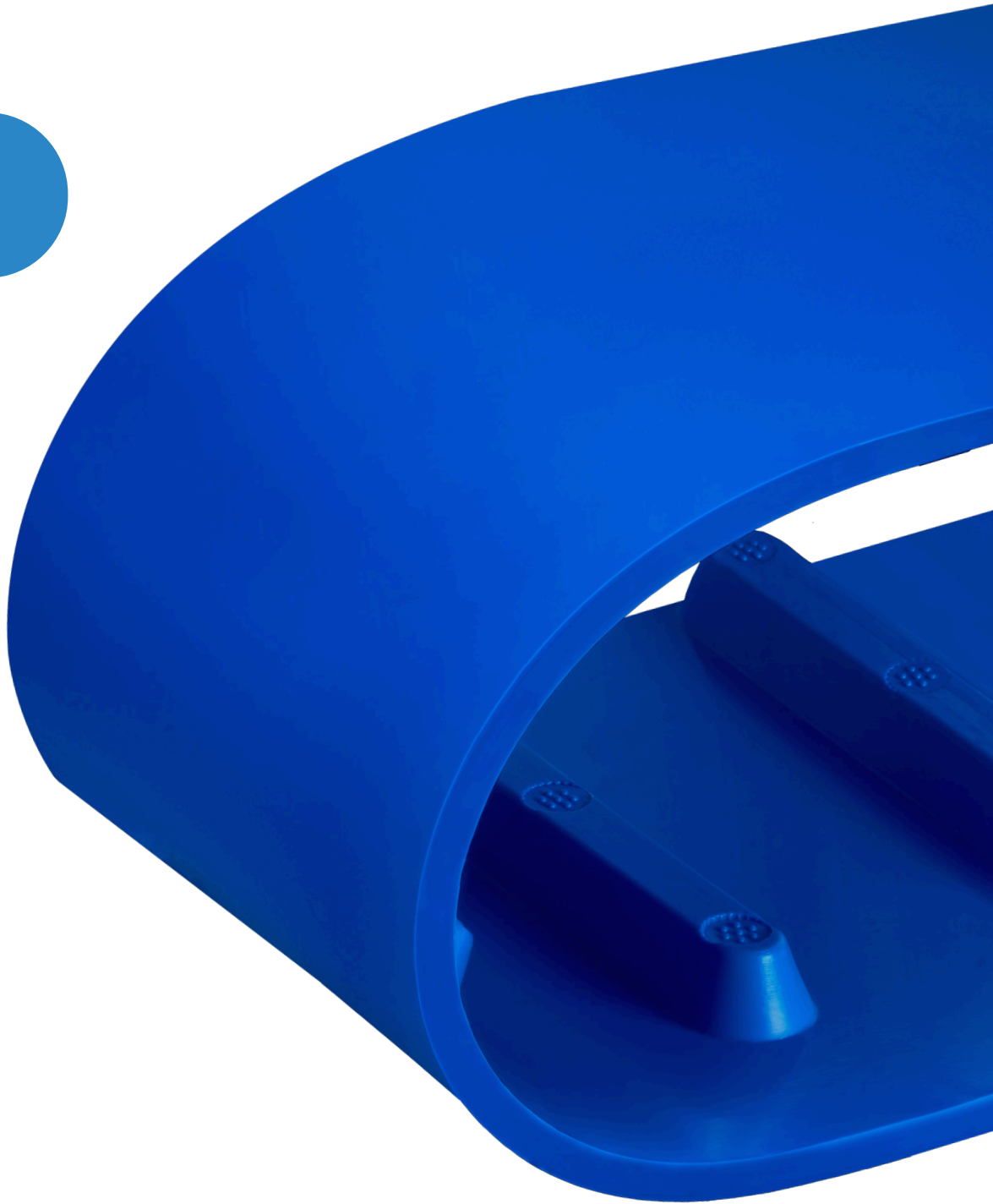
USDA
Certified

Oil & Fat
Resistant


REO-AT40 DB

The REO-AT40 DB provides a real alternative to other self-tracking homogeneous belts in the market. It's strong construction and smooth surface further ease cleaning and prevent common shortcomings of a traditional homogeneous belt.

REO-AT40 DB is a FDA, EC10/2011 and USDA approved positively driven belt, reinforced with aramid tensile members. The belt does not fray and has minimal stretch, which reduces maintenance and increases belt life.



TECHNICAL INFORMATION

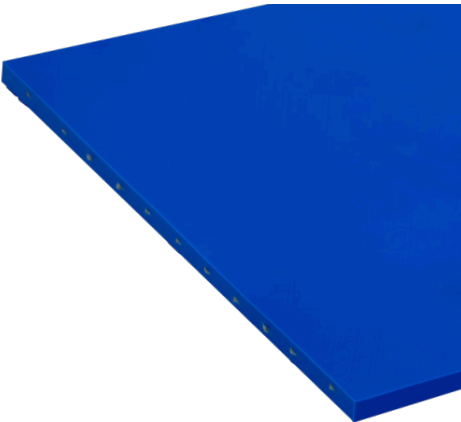
	IMPERIAL	METRIC
Max Production Width	55.91 in	1420 mm
Mass	0.88 lbf/ft2	4.3 kg/m2
Tensile force at 1% elongation (static)	91.2 lbf/in	16 N/mm
Min. Working Temp.	-22 F°	-30 C°
Min. Working Temp.	212 F°	100 C°
Flexion (A) 	4.92 in	125 mm
Coefficient of Friction Dry (bottom side) - Steel		0.4
Coefficient of Friction Wet (bottom side) - Steel		0.6
Hardness (Shore A ISO 868)	95	

PROFILE INFORMATION

Base Belt Thickness	0.014 in	3.6 mm
Total Belt Thickness	0.295 in	10 mm
Pitch	1.75 in	40 mm
Tension Member	Aramid	
Spacing between cords	0.3 in	10 mm

SPECIAL CHARACTERISTICS

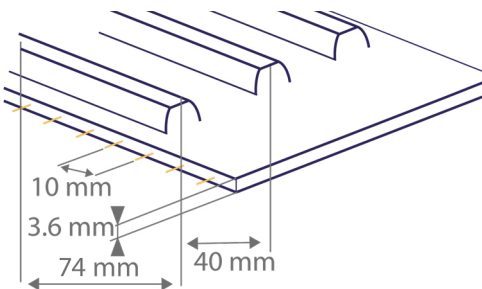
Food Approved, FDA Compliance acc to 21 CFR parts 170-19	Food Approved, EU Compliance (EC) No. 1935/2004 & (EU) No. 10/2011	Hydrolysis Resistant	Antimicrobial Protection	USDA Certified	Oil & Fat Resistant
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TOP SIDE



BOTTOM SIDE



APPLICATION

Trough Suitable	✓
Wet (Hot/Cold) Environment	✓
Oily Environment	✓
Extreme Temp.	✓
Heavy Duty	

REOCLEAN ACCESSORIES

The REOclean product lines are supported by tailor made sprockets, cleats, wearstrips and other accessories.

If you require more in depth information, please check our REOclean engineering manual.

RETROFIT

In general, changing any existing conveyor system to support the sustainable and efficient REOclean solutions is fast and easy. One key point is the additional need for wearstrips on conveyors running on slider beds, which is needed to reduce the coefficient of friction. Another point is the installation and adjustment of REOclean’s sprockets. When retro-fitting, it is essential to ensure an uniform level of transport between support rails and sprockets.

CLEATS, V-GUIDES & SIDEWALLS

Cleats, V-guides and sidewalls are used to accommodate inclined applications and general conveying. The materials are extruded from the same TPU compounds to guarantee perfect welding results. Please see the REOclean accessories table for more details.

WEARSTRIPS

We recommend using wearstrips made of UHMWPE material to optimize the belt lifetime and performance. Please contact us for support.



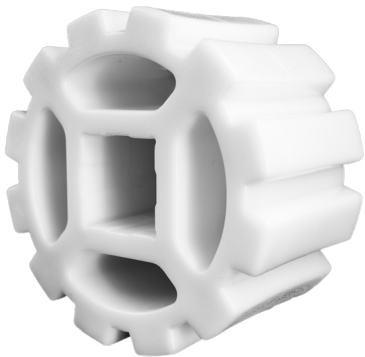
REOCLEAN ACCESSORIES

SPROCKETS

Different sprocket sizes are provided as standard for the positively driven models REO-T25, REO-T50, REO-M5, REO-M25 and REO-AT40 with different bores for installation. It is important to understand that the temperature environment the belt is running in has an effect the pulley size for a chosen material. It can differ substantially when running in 4°C compared to 20°C. Please contact us for assistance to chose the right belt and sprocket size.



REO-SP23 (M25)



REO-SP12 (AT40)

SPROCKET SPECIFICATIONS

INO USA Article Number	Applicable REOclean Belt Model	Thickness (mm)	Hole Pattern	Number of Teeth	Outside Diameter (mm)	Inside Diameter (mm)
15021038	T25	30	Square Hole	8	61.92	30x30
15021039	T25	30	Round Hole	8	61.92	30x30
15021040	T25	30	Square Hole	10	77.90	30x30
15021041	T25	30	Round Hole	10	77.90	30x30
15021033	AT40	84.5	Square Hole	10	125	40x40
15021034	AT40	84.5	Round Hole	10	125	35x35
15021035	AT40	84.5	Square Hole	12	150.50	40x40
15021036	AT40	84.5	Round Hole	12	150.50	35x35
15021021	M25	30	Square Hole	23	184.30	40x40
15021031	M25	30	Round Hole	23	184.30	35x35
15021018	T50	30	Square Hole	10	156.25	40x40
15021030	T50	30	Round Hole	10	156.25	35x35
15021019	T50	30	Square Hole	12	187.89	40x40
15021028	T50	30	Round Hole	12	187.89	35x35

VISIT [INOUSA.COM](https://www.inousa.com) FOR MORE BELTING OPTIONS

CUSTOM BELTING FABRICATION IS AVAILABLE

LIGHTWEIGHT BELTING



WOVEN & FELT BELTING



LIVE ROLLER BELTS



TRULY ENDLESS BELTING



TIMING BELTS



belting made easy



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