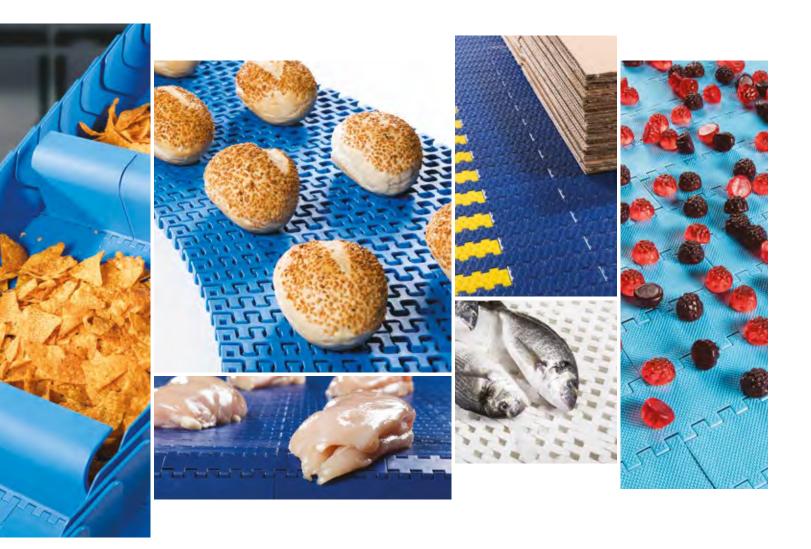


beltservice.com



Product Overview





Conveying Technologies

Beltservice Corporation is a rapidly growing plastic modular belt supplier with an ability to bring solutions to your toughest applications and problems.

Our products are produced to exacting specifications that will give confidence to our distributor and OEM partners. We bring high quality, flexible capabilities, along with pre-sale and after-sales service.

We are constantly proving our expertise in the food, corrugated, packaging and material handling industries. We have FDA and EU approvals that are globally recognized as quality standards for safe and hygienic transport of food products.



Flexibility for Various Applications

Modular Belts are more durable, flexible and efficient than traditional conveyor belts because of their material and ability to track and hold up in a wide variety of applications.

Modutech Modular Belts are constructed of plastic modules. They are secured with full length hinge pins and are driven by sprockets. This allows the customization of each belt with a variety of materials, colors, flights, side guards and accessories. In addition, we have the advantage of performing in difficult environments with low maintenance and easy installation.

Some of the Industries/Applications we can be found in:

- Fruit and vegetable
- Meat, poultry and seafood
- Bakery and pasta
- Beverage and container
- Corrugated manufacturing



Our Modular Belts Ensure Quality

We rely and are set up for standardization of producing plastic modular belts from design to molding to assembly. We use high quality materials and engineer the product so that it will hold up in a variety of applications and environments. The belts and materials comply with FDA and EU regulations, ensuring we provide high performing conveyor belts.

High Quality Materials

The best materials ensure superior product quality and durability. We offer standard materials like PP, PE, POM (acetal) and specials like metal detectable, antistatic, flame retardant, high temperature, reinforced and low friction.



Various Industries Need Special Solutions







Different working environments require different solutions. We offer a variety of designs, materials and accessories for specific industries and applications. Hygiene is key for the food industry and we are constantly striving for new and improved methods to offer clean solutions. In addition to hygienic solutions, we are continually looking to provide belts that can be cleaned efficiently and thoroughly.









Our Product Range

EC127 C

Pitch: 12.7 mm / 0.5 inch

Belt Surface: Close, Smooth Surface

Minimum Width: 50 mm / 1.96 inch

Open Area (%): 0%

Flight: Yes (T25, T50)

Sidewall: No

Rod: Ø4.7 mm / 0.185 inch - Self Lock

Approved: FDA and EU

Curve: No

Color: Additional colors available

Cleanability: Good

Belt Thickness: 10 mm / 0.393 inch



Product Features and Functional Benefits

- · Less vibration in high speed and nosebar applications.
- Wear resistance in high speed applications with tight transfer.
- Unique sprocket engagement reduces pulsation.
- Close transfer applications.
- Tight transfer and high speed conveyors.

Available Molded Module Sizes

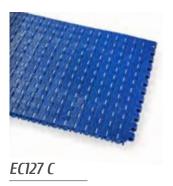
- 150 mm / 5.90 inch module
- · 100 mm / 3.93 inch module
- 50 mm / 1.96 inch module

EC127 C / Technical Information

BELT MATERIAL		BELT ST	RENGTH		TEMPERATURE		BELT WEIGHT
BEET WINTERWILL	Stra	ight	Cu	rve	°C / °F (min)	°C/ °F (max.)	Kg/m² / lb/ft²
	N/m lb/ft	N/m	lb/ft	C / 1 (111111.)	C/ I (ITIAX.)	· · · · · · · · · · · · · · · · · · ·	
Polypropylene	11770	806.50	-	-	+5 / +41	+90 / +194	4.65 / 0.95
Polyethylene	6420	439.91	-	-	-73 / -99.4	+66 / +150.8	4.90 / 1
Acetal	19260	1319.73	-	-	-43 / -45.4	+110 / +230	7.00 / 1.43

⁻ Belt strength and temperature values are maximum on the table.

Available Styles

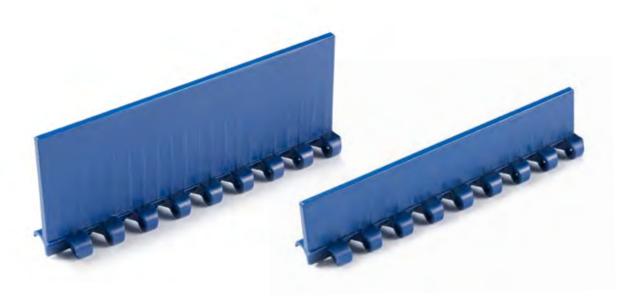








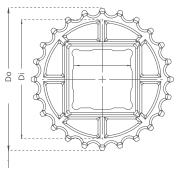
EC127 Series Accessories and Technical Specifications

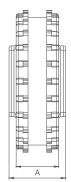


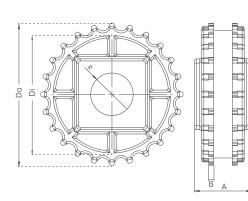
EC127 Series / Flight & Sidewall Dimensions

EC127 Series / Flights & Sidewalls								
PRODUCT CODE	Flight Height (mm/ inch)	Flight Width (mm/ inch)	PRODUCT CODE	Sidewall Height (mm/ inch)				
EC127 T25	25 / 1	150 / 5.90	-	-				
EC127 T50	50 / 2	150 / 5.90	-	-				









EC127 Series / Standard Sprockets Dimensions

NO TEETLI	Di	Do	В	Α	Square	Bore (Q) Bore (R)	PRODUCT CODE	
NO.TEETH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore (Q) mm/ inch		Square Type (Q)	Round Type (R)
Z19	68.5 / 2.69	78 / 2.54	3.5 / 0.14	40 / 1.57	25-40 / 1-1.5	25-30 / 1-1.25	EC127SQZ19*PA	EC127SRZ19*PA
Z24	88.7 / 3.49	98.8 / 3.89	3.5 / 0.14	40 / 1.57	25-40 / 1-1.5	25-30 / 1-1.25	EC127SQZ24*PA	EC127SRZ24*PA
Z28	105.0 / 4.13	115.2 / 4.53	3.5 / 0.14	40 / 1.57	25-40 / 1-1.5	25-30 / 1-1.25	EC127SQZ28*PA	EC127SRZ28*PA
Z30	113.0 / 4.44	123.3 / 4.85	3.5 / 0.14	40 / 1.57	25-40 / 1-1.5	25-30 / 1-1.25	EC127SQZ30*PA	EC127SRZ30*PA
Z36	137.5 / 5.41	148.0 / 5.82	3.5 / 0.14	40 / 1.57	25-40 / 1-1.5	25-30 / 1-1.25	EC127SQZ36*PA	EC127SRZ36*PA

^{*}Other sprockets and hub sizes are manufactured up to request.

^{*}POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

EC254 C (Easy Clean)

Pitch: 25.4 mm / 1 inch

Belt Surface: Close, Smooth Surface

Minimum Width: 152.4 mm / 6 inch

Open Area (%): 0%

Flight: Yes (T25, T50, T75, TC75, T100)

Sidewall: Yes (h=25 mm / 1 inch, h=50 mm / 2 inch,

h=75 mm / 3 inch)

Rod: Ø5 mm / 0.196 inch - Self Lock

Approved: FDA and EU

Curve: No

Color: Additional colors available

Cleanability: Excellent

Belt Thickness: 10 mm / 0.393 inch



Product Features and Functional Benefits

- Easy to clean design reduces downtime during sanitation window.
- Unique sprocket engagement higher product load and longer conveyors.
- · Close transfer applications.

Available Molded Module Sizes

- 152.4 mm / 6 inch module
- · 76.2 mm / 3 inch module
- 45 mm / 1.77 inch module
- · 30 mm / 1.18 inch module

EC254 C / Technical Information

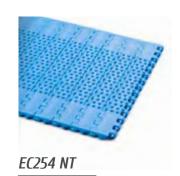
BELT MATERIAL		BELT ST	RENGTH		TEMPE	RATURE	BELT WEIGHT
BEET WINTERWILL	Stra	night	Cu	rve	°C / °F (min.)		Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft	C / 1 (((((())))	(max.)	1.0,111 / 1.0,110
Polypropylene	10160	696.18	-	-	+5 / +41	+90 / +194	4.50 / 0.92
Polyethylene	8400	575.58	-	-	-73 / -99.4	+66 / +150.8	5 / 1.02
Acetal	25150	1723.32	-	-	-43 / -45.4	+110 / +230	6 / 1.23

⁻ Belt strength and temperature values are maximum on the table.

Available Styles

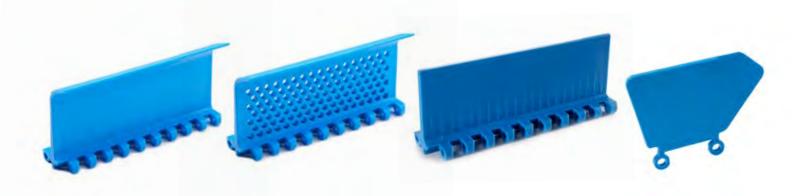






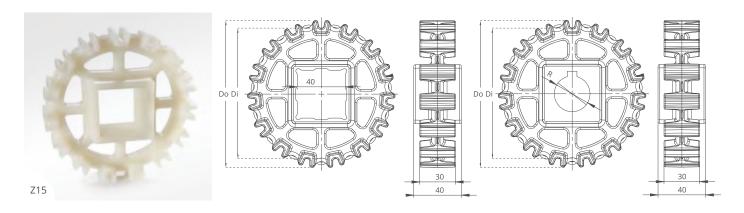


EC254 Series Accessories and Technical Specifications



EC254 Series / Flight & Sidewall Dimensions

EC254 Series / Flights & Sidewalls										
PRODUCT CODE	Flight Height (mm/ inch)	Flight Width (mm/ inch)	PRODUCT CODE	Sidewall Height (mm/ inch)						
EC254T25	25 / 1	152.4 / 6	EC254SW25	25 / 1						
EC254T50	50 / 2	152.4 / 6	EC254SW50	50 / 2						
EC254T75	75 / 3	152.4 / 6	EC254SW75	75 / 3						
EC254T100	100 / 4	152.4 / 6	-	-						
EC254TC50	50 / 2	152.4 / 6	-	-						
EC254TC75	75 / 3	152.4 / 6	-	-						
EC254TCH75	75 / 3	152.4 / 6	-	-						



EC254 Series / Standard Sprockets Dimensions

NO TEETLI	Di	Do	В	А	Square	Round	PRODUCT CODE	
NO.TEETH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore (Q) mm/ inch	Bore (R) mm/inch	Square Type (Q)	Round Type (R)
Z8	51.6 / 2.03	64.6 / 2.54	30 / 1.18	40 / 1.57	25 / 1	25 / 1	EC254SQZ8*POM	EC254SRZ8*POM
Z10	68.8 / 2.71	81.8 / 3.22	30 / 1.18	40 / 1.57	40 / 1.5	25-30 / 1-1.25	EC254SQZ10*POM	EC254SRZ10*POM
Z12	85.5 / 3.37	98.8 / 3.89	30 / 1.18	40 / 1.57	40 / 1.5	25-30 / 1-1.25	EC254SQZ12*POM	EC254SRZ12*POM
Z15	111.1 / 4.37	124.1 / 4.89	30 / 1.18	40 / 1.57	40 / 1.5	25-30 / 1-1.25	EC254SQZ15*POM	EC254SRZ15*POM
Z18	136.1 / 5.36	149.1 / 5.87	30 / 1.18	40 / 1.57	40 / 1.5	25-30 / 1-1.25	EC254SQZ18*POM	EC254SRZ18*POM

^{*}Other sprockets and hub sizes are manufactured up to request. *POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

MD254 FG

Pitch: 25.4 mm / 1 inch

Belt Surface: Open Smooth Surface

Minimum Width: 50 mm / 1.96 inch

 Open Area (%):
 33%. (Biggest opening 5.5 x 7mm)

 Flight:
 Yes (T25, T50, TC50, TCH50, T75, T100)

 Sidewall:
 Yes (h=25mm / 1inch, h=50mm / 2 inch)

Rod: Ø5 mm / 0.196 inch - Self Lock

Approved: FDA and EU

Curve: No

Color: Additional colors available

Cleanability: Good

Belt Thickness: 10 mm / 0.393 inch



- Belt provides optimal open area for drainage and airflow.
- Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduced dirt and oxide build up due to self cleaning surface.
- Stainless steel pins option for high temperature applications.
- Easy to clean design reduces downtime during sanitation window.
- Stainless steel pins option reduce belt elongation for high temperature application.

Available Molded Module Sizes

- 200 mm / 7.87 inch module
- · 100 mm / 3.93 inch module
- · 83 mm / 3.26 inch module
- · 50 mm / 1.96 inch module
- · 33 mm / 1.29 inch module

MD254 FG / Technical Information

BELT MATERIAL		BELT ST	RENGTH		TEMPE	RATURE	BELT WEIGHT
BEET WITH ERRITE	Stra	night	Cu	rve	°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m lb/ft	C / 1 (111111.)	C7 : (a,,		
Polypropylene	14980	1026.46	-	-	+5 / +41	+90 / +194	4.85 / 0.99
Polyethylene	8560	586.55	-	-	-73 / -99.4	+66 / +150.8	5.20 / 1.06
Acetal	26900	1843.24	-	-	-43 / -45.4	+110 / +230	7.70 / 1.58

- Belt strength and temperature values are maximum on the table.

Available Styles









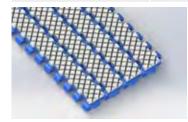


MD254 Series Accessories and Technical Specifications



MD254 Series / Flight & Sidewall Dimensions

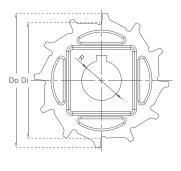
MD254 Series / Flights & Sidewalls										
PRODUCT CODE	Flight Height (mm/ inch)	Flight Width (mm/ inch)	PRODUCT CODE	Sidewall Height (mm/ inch)						
MD254T25	25 / 1	200 / 7.87	MD254SW25	25 / 1						
MD254T50	50 / 2	200 / 7.87	MD254SW50	50 / 2						
MD254T75	75 / 3	200 / 7.87	MD254SW75	75 / 3						
MD254T100	100 / 4	200 / 7.87	-	-						
MD254TC50	50 / 2	200 / 7.87	-	-						
MD254TCH50	50 / 2	200 / 7.87	-	-						

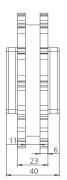


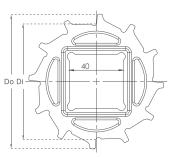
MD254 GT / Friction Top Surface

BELT	Belt	Belt	Rubber	Module Width		
TYPE	Material	Colour	Insert Colour	mm	inch	
MD254 GT	PP	White/Blue/ Gray	White/Black	200	7,87	











MD254 Series / Standard Sprockets Dimensions

NO.TEETH	Di	Do	В	А	Square	Round		
NO.TEETH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore (Q) mm/ inch	Bore (R) mm/ inch	Square Type (Q)	Round Type (R)
Z8	53 / 2.09	67.75 / 2.67	6 / 0.24	40 / 1.57	25 / 1	25 / 1	MD-TR254SQ25Z8*POM	MD-TR254SRZ8*POM
Z10	70 / 2.76	85 / 3.35	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ10*POM	MD-TR254SRZ10*POM
Z12	87 / 3.43	102 / 4.02	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ12*POM	MD-TR254SRZ12*POM
Z15	112 / 4.41	126.5 / 4.98	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ15*POM	MD-TR254SRZ15*POM
Z18	137 / 5.39	152 / 5.98	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ18*POM	MD-TR254SRZ18*POM

^{*}Other sprockets and hub sizes are manufactured up to request.

^{*}POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

XP254 C

Pitch: 25.4 mm / 1 inch

Belt Surface: Close, Smooth Surface

Minimum Width: 76,2 mm / 3 inch

Open Area (%): 0%

Flight: Yes (T25, T50, T75, T100)

Sidewall: Yes (h=25mm / 1inch, h=50mm / 2 inch)

Rod: Ø4.5 mm / 0.177 inch

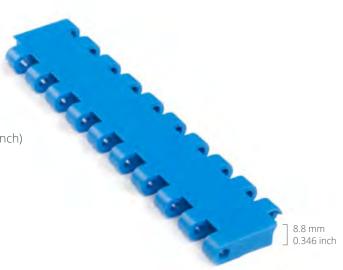
Approved: FDA and EU

Curve: No

Color: Additional colors available

Cleanability: Good

Belt Thickness: 8.8 mm / 0.346 inch



Product Features and Functional Benefits

- Unique sprocket engagement higher product load and longer conveyors.
- Unique sprocket engagement reduces pulsation and increases load capacity.
- · Close transfer applications.
- Extra power, bi-directional belt for long conveyors.
- · Chamfered belt edges.

Available Molded Module Sizes

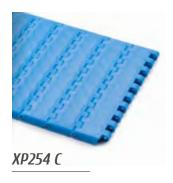
- · 152.4 mm / 6 inch module
- · 76.2 mm / 3 inch module

XP254 C / Technical Information

BELT MATERIAL		BELT ST	RENGTH		TEMPERATURE		BELT WEIGHT
BEET WINTERWITE	Stra	ight	Cu	rve	°C / °F (min.)	°C / °F (max.)	k.) Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft	C / I (IIIIII.)	C7 I (ITIAX.)	
Polypropylene	18400	1260.80	-	-	+5 / +41	+90 / +194	5.50 / 1.13
Polyethylene	9100	623.55	-	-	-73 / -99.4	+66 / +150.8	5.80 / 1.19
Acetal	32100	2199.55	-	-	-43 / -45.4	+110 / +230	7.90 / 1.62

⁻ Belt strength and temperature values are maximum on the table.

Available Styles

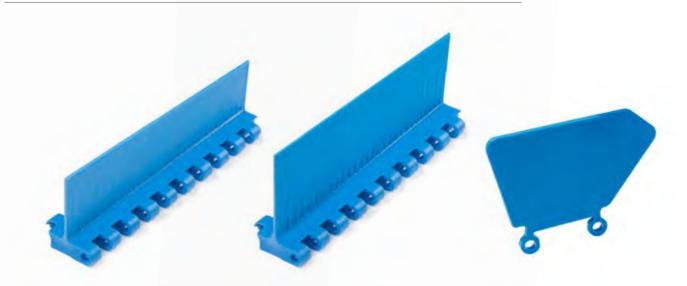








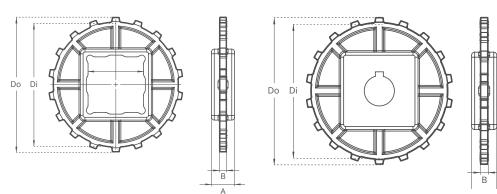
XP254 Series Accessories and Technical Specifications



XP254 Series / Flight & Sidewall Dimensions

	XP254 Series / Flights & Sidewalls									
PRODUCT CODE	Flight Height (mm/ inch)	Flight Width (mm/ inch)	PRODUCT CODE	Sidewall Height (mm/ inch)						
XP254 T25	25 / 1	152.4 / 6	XP254SW25	25 / 1						
XP254 T50	50 / 2	152.4 / 6	XP254SW50	50 / 2						
XP254 T75	75 / 3	152.4 / 6	XP254SW75	75 / 3						
XP254 T100	100 / 4	152.4 / 6	-	-						





XP254 Series / Standard Sprockets Dimensions

NO TEETLI	Di	Do	В	А	Square	Round	PRODUCT CODE	
NO.TEETH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore (Q) mm/ inch	Bore (R) mm/inch	Square Type (Q)	Round Type (R)
Z8	53.2 / 2.09	64 / 2.52	8 / 0.31	25 / 1	25 / 1	25-30 / 1-1.25	XP254SQZ8*PA	XP254SRZ8*PA
Z10	71.6 / 2.82	82.5 / 3.25	8 / 0.31	25 / 1	40 / 1.5	25-30 / 1-1.25	XP254SQZ10*PA	XP254SRZ10*PA
Z12	89.0 / 3.50	99.5 / 3.92	8 / 0.31	25 / 1	40 / 1.5	25-30 / 1-1.25	XP254SQZ12*PA	XP254SRZ12*PA
Z15	114.0 / 4.49	124.0 / 4.88	8 / 0.31	25 / 1	40-60 / 1.5-2.5	25-30 / 1-1.25	XP254SQZ15*PA	XP254SRZ15*PA
Z18	136.4 / 5.37	146.4 / 5.76	8 / 0.31	25 / 1	40-60 / 1.5-2.5	25-30 / 1-1.25	XP254SQZ18*PA	XP254SRZ18*PA

^{*}Other sprockets and hub sizes are manufactured up to request. *POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request. *Split sprockets are available for each size.

XP254 CR

Pitch: 25.4 mm / 1 inch

Belt Surface: Close, Non Slip Surface

Minimum Width: 50 mm / 2 inch

Open Area (%): 0%
Flight: Sidewall: -

Rod: Ø4.5 mm / 0.177 inch - Self Lock

Approved: Curve: No

Color: Additional colors available

Cleanability: Good

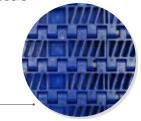
Belt Thickness: 8.8 mm / 0.346 inch

Product Features and Functional Benefits

- · Chamfered belt edges.
- Unique sprocket engagement higher product load and longer conveyors.
- Unique sprocket engagement reduces pulsation and increases load capacity.
- · Close transfer applications.
- Extra power, bi-directional belt for long conveyors.
- · Safety walking top surface.

Available Molded Module Sizes

- 152.4 mm / 6 inch module
- · 76.2 mm / 3 inch module
- · 50 mm / 2 inch module



0.346 inch

Reinforced Bottom Surface

XP254 CR / Technical Information

BELT / PIN		BELT ST	RENGTH		TEMPEI	RATURE	BELT WEIGHT
MATERIAL	Straight		Curve N/m lb/ft		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
Acetal / PA6	40250	2758	-	-	-43 / -45.4	+110 / +230	7.90 / 1.62

- Belt strength and temperature values are maximum on the table.

XP254 FLT CR

Pitch: 25.4 mm / 1 inch

Belt Surface: Close, Flat Top Surface

Minimum Width: 50 mm / 2 inch

Open Area (%): 0%

Open Area (%): 0% Flight: -

Sidewall:

Rod: Ø4.5 mm / 0.177 inch - Self Lock

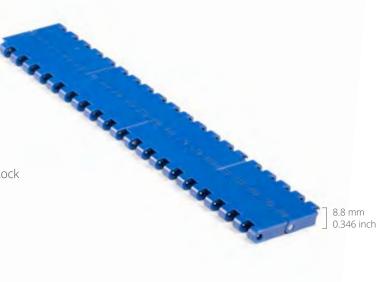
Approved:

Curve: No

Color: Additional colors available

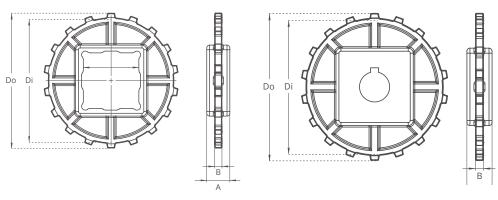
Cleanability: Good

Belt Thickness: 8.8 mm / 0.346 inch



XP254 Series Accessories and Technical Specifications





XP254 Series / Standard Sprockets Dimensions

NO.TEETH	Di	Do	В	А	Square	Round	PRODUCT CODE	
NO.IEEIH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore (Q) mm/ inch	Bore (R) mm/ inch	Square Type (Q)	Round Type (R)
Z8	53.2 / 2.09	64 / 2.52	8 / 0.31	25 / 1	25 / 1	25-30 / 1-1.25	XP254SQZ8*PA	XP254SRZ8*PA
Z10	71.6 / 2.82	82.5 / 3.25	8 / 0.31	25 / 1	40 / 1.5	25-30 / 1-1.25	XP254SQZ10*PA	XP254SRZ10*PA
Z12	89.0 / 3.50	99.5 / 3.92	8 / 0.31	25 / 1	40 / 1.5	25-30 / 1-1.25	XP254SQZ12*PA	XP254SRZ12*PA
Z15	114.0 / 4.49	124.0 / 4.88	8 / 0.31	25 / 1	40-60 / 1.5-2.5	25-30 / 1-1.25	XP254SQZ15*PA	XP254SRZ15*PA
Z18	136.4 / 5.37	146.4 / 5.76	8 / 0.31	25 / 1	40-60 / 1.5-2.5	25-30 / 1-1.25	XP254SQZ18*PA	XP254SRZ18*PA

^{*}Other sprockets and hub sizes are manufactured up to request. *POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

^{*}Split sprockets are available for each size.



MD508 FG (Heavy Duty)

Pitch: 50.8 mm / 2 inch Belt Surface: Open smooth surface Minimum Width: 150 mm / 5.90 inch

37% Open Area (%):

Flight: Yes (T50, T100, T150)

Sidewall:

Rod: Ø7 mm / 0.275 inch

Approved: FDA and EU

Curve:

Color: Additional colors available

Cleanability: Excellent

16 mm / 0.629 inch Belt Thickness:



Product Features and Functional Benefits

- Belt provides optimal open area for drainage and airflow.
- · Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduced dirt and oxide build up due to self cleaning surface.
- Stainless steel pins option for high temperature applications.
- Easy to clean design reduces downtime during sanitation window.
- · Stainless steel pins option reduce belt elongation for high temperature application.

Available Molded Module Sizes

• 150 mm / 5.90 inch module

MD508 FG / Technical Information

BELT MATERIAL		BELT ST	RENGTH		TEMPE	RATURE	BELT WEIGHT	
DEET IIII KI EKII KE	Stra	ight	Cu	Curve		°C / °F (max.)	Kg/m² / lb/ft²	
	N/m	lb/ft	N/m	lb/ft	°C / °F (min.)	C7 1 (max.)	116/111 / 18/10	
Polypropylene	38000	2603.83	-	-	+5 / +41	+90 / +194	6.90 / 1.41	
Polyethylene	24000	1644.52	-	-	-73 / -99.4	+66 / +150.8	7.20 / 1.47	
Acetal	55000	3768.70	-	-	-43 / -45.4	+110 / +230	10.50 / 2.15	

Available Styles

MD508 C





- Belt strength and temperature values are maximum on the table.

MD508 PR%25



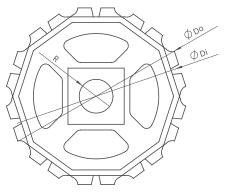
MD508 Series Accessories and Technical Specifications

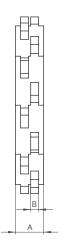


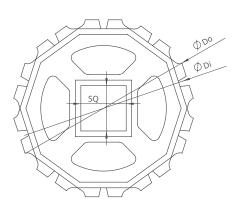
MD508 Series / Flight & Sidewall Dimensions

	0										
MD508 Series / Flights & Sidewalls											
PRODUCT CODE	Flight Height (mm/ inch)	Flight Width (mm/ inch)	PRODUCT CODE	Sidewall Height (mm/ inch)							
MD508 T50	50 / 2	152,4 / 5.90	-	-							
MD508 T100	100 / 4	152,4 / 5.90	-	-							
MD508 T150	150 / 6	152,4 / 5.90	-	-							









MD508 Series / Standard Sprockets Dimensions

NO.TEETH	Di	Do	В	А	Square	Round	PRODUCT CODE	
NO.TEETH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore (Q) mm/ inch	Bore (R) mm/ inch	Square Type (Q)	Round Type (R)
Z6	72.33 / 2.85	88.33 / 3.48	7 / 0.27	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD508SQZ6*POM	MD508SRZ6*POM
Z8	107.12 / 4.22	123.12 / 4.85	7 / 0.27	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD508SQZ8*POM	MD508SRZ8*POM
Z10	141 / 5.55	157 / 6.18	7 / 0.27	40 / 1.57	40-60 / 1.5-2.5	25-30 / 1-1.25	MD508SQZ10*POM	MD508SRZ10*POM
Z12	174.33 / 6.86	190.33 / 7.49	7 / 0.27	40 / 1.57	40-60 / 1.5-2.5	25-30 / 1-1.25	MD508SQZ12*POM	MD508SRZ12*POM

^{*}Other sprockets and hub sizes are manufactured up to request.

^{*}POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

EC508 C (Easy Clean)

Pitch: 50.8 mm / 2 inch

Belt Surface: Close, Smooth Surface

Minimum Width: 200 mm / 7.87 inch

Open Area (%): 0%

Flight: Yes (T25, T50, T75, TC75, T100, TC100, T150)
Sidewall: Yes (h=25 mm / 1 inch, h=50 mm / 2 inch,

h=75 mm / 3 inch)

Rod: Ø7 mm / 0.275 inch - Self Lock

Approved: FDA and EU

Curve: No

Color: Additional colors available

Cleanability: Excellent

Belt Thickness: 16 mm / 0.63 inch



- Easy to clean design reduces downtime during sanitation window.
- · Close transfer applications. Reduces bacteria growth.
- Unique sprocket engagement higher product load and longer conveyors.
- · Strong and thick product supports allow more load without breaking.
- · Impact resistance to withstand heavy objects falling into the belt.

Available Molded Module Sizes

- 200 mm / 7.87 inch module
- 100 mm / 3.93 inch module
- 60 mm / 2.36 inch module
- 40 mm / 1.57 inch module

EC508 C / Technical Information

BELT MATERIAL		BELT ST	RENGTH		TEMPE	RATURE	BELT WEIGHT
DEET WINTERWILL	Stra	aight	Cu	Curve		°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft	°C / °F (min.)	C7 1 (max.)	18/111 / 12/16
Polypropylene	19260	1319.73	-	-	+5 / +41	+90 / +194	8.00 / 1.64
Polyethylene	11000	753.74	-	-	-73 / -99.4	+66 / +150.8	8.20 / 1.68
Acetal	29500	2021.39	-	-	-43 / -45.4	+110 / +230	12.10 / 2.48

- Belt strength and temperature values are maximum on the table.

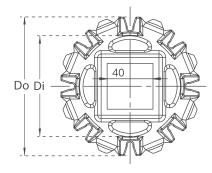


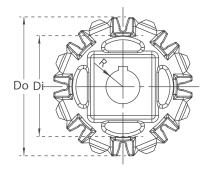
EC508 Series Accessories and Technical Specifications

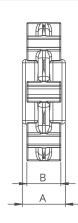


	EC508 Series / Flights & Sidewalls												
PRODUCT CODE	Flight Height (mm/ inch)	Flight Width (mm/ inch)	PRODUCT CODE	Sidewall Height (mm/ inch)									
EC508T25	25 / 1	200 / 7.87	EC508SW25	25 / 1									
EC508T50	50 / 2	200 / 7.87	EC508SW50	50 / 2									
EC508T75	75 / 3	200 / 7.87	EC508SW75	75 / 3									
EC508T100	100 / 4	200 / 7.87	EC508SW100	100 / 4									
EC508T150	150 / 6	200 / 7.87	-	-									
EC508TC75	75 / 3	200 / 7.87	-	-									
EC508TC100	100 / 4	200 / 7.87		-									
EC508TCC75	75 / 3	200 / 7.87	-	-									
EC508TCC100	100 / 4	200 / 7.87	-	-									









EC508 Series / Standard Sprockets Dimensions

NO.TEETH	Di	Do	В	Α	Square	Round	PRODUC	T CODE
NO.IEEIH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore(Q) mm/ inch	Bore(R) mm/ inch	Square Type (Q)	Round Type (R)
Z6	73 / 2.87	90 / 3.54	30 / 1.18	40 / 1.57	40 / 1.5	25-30 / 1-1.25	EC508SQFZ6*PA	EC508SRFZ6*PA
Z8	107.5 / 4.23	124.5 / 4.90	30 / 1.18	40 / 1.57	40 / 1.5	25-30 / 1-1.25	EC508SQFZ8*PA	EC508SRFZ8*PA
Z10	141.5 / 5.57	158 / 6.22	30 / 1.18	40 / 1.57	40-60 / 1.5-2.5	25-30 / 1-1.25	EC508SQFZ10*PA	EC508SRFZ10*PA
Z12	175.2 / 6.90	191.2 / 7.53	30 / 1.18	40 / 1.57	40-60 / 1.5-2.5	25-30 / 1-1.25	EC508SQFZ12*PA	EC508SRFZ12*PA

^{*}Other sprockets and hub sizes are manufactured up to request. *POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

HP508 RR

Pitch: 50.8 mm / 2 inch

Belt Surface: Open, Raised Rib Surface

Minimum Width: 152.4 mm / 6 inch

Open Area (%): 36%. (Biggest opening 3.5x18.5 mm)

Flight: No Sidewall: No

Rod: Ø7 mm / 0.275 inch

Approved: FDA and EU

Curve: No

Color: Additional colors available

Cleanability: Good

Belt Thickness: 24 mm / 0.94 inch

Comb: Yes



Product Features and Functional Benefits

- Less friction and product contact for easy cooking, cooling and freezing of products.
- · Reduced back line pressure.
- Reduced dirt and oxide build up due to self cleaning surface.
- Finger plate for trouble free transfer.
- Unique sprocket engagement reduces pulsation and increases load capacity.

HP508 RR / Technical Information

BELT MATERIAL		BELT ST	RENGTH		TEMPE	RATURE	BELT WEIGHT	
BEET WINTERING	Stra	night	Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²	
	N/m	lb/ft	N/m	lb/ft	C / 1 ()	C7 1 (111674)	1.6/111 / 1.6/11	
Polypropylene	34200	2343.44	-	-	+5 / +41	+90 / +194	8.90 / 1.82	
Polyethylene	-	-	-	-	-	-	-	
Acetal	45500	3117.74	-	-	-43 / -45.4	+110 / +230	13.50 / 2.76	

⁻ Belt strength and temperature values are maximum on the table.

Available Styles



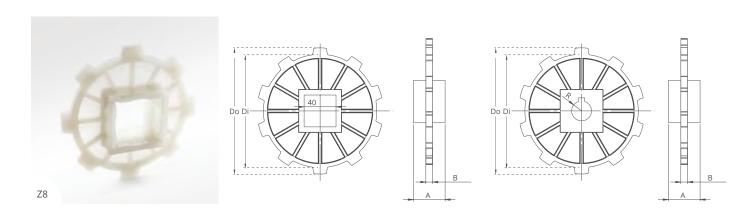




Battery Belt



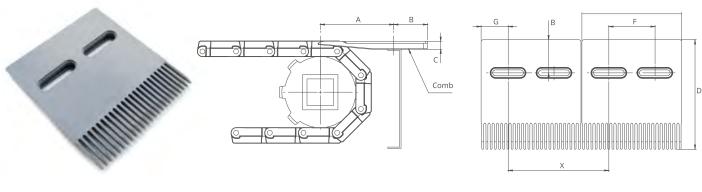
HP508 Series Accessories and Technical Specifications



HP508 Series / Standard Sprockets Dimensions

	NO TEETLI	Di	Do	В	А	Square	Round	PRODUCT CODE	
	NO.TEETH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore (Q) mm/ inch		Square Type (Q)	Round Type (R)
j	Z8	109 / 4.29	125 / 4.92	9 / 0.35	40 / 1.57	40 / 1.5	25-30 / 1-1.25	HP508SQZ8*PA	HP508SRZ8*PA
	Z10	142 / 5.59	159 / 6.22	9 / 0.35	40 / 1.57	40 / 1.5	25-30 / 1-1.25	HP508SQZ10*PA	HP508SRZ10*PA

^{*}Other sprockets and hub sizes are manufactured up to request.
*POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.





EC254 R

Pitch: 25.4 mm / 1 inch

Belt Surface: Open, Smooth Surface

Minimum Width: 100 mm / 4 inch

Open Area (%): 36%. (Biggest opening 7.5x12 mm)

Flight: Yes. (h=25 mm / 1 inch, h=50 mm / 2 inch)

Side Wall: No

Rod: Ø5 mm / 0.196 inch - Self Lock

Approved: FDA and EU

Curve: Yes

Color: Additional colors available

Cleanability: Excellent

Application: Straight and side flexing

Collapse Factor: 2.1 - 2.4 (Changeable according to belt width)

Belt Thickness: 11 mm / 0.43 inch

Product Features and Functional Benefits

- Belt designed for tight radius applications.
- · Available for light and medium load capacity.
- 180 degree high speed side flexing applications.
- High temperature and wear resistance. Unique locking system.
- Belt provides optimal open area for drainage and airflow.

EC254 R / Technical Information

BELT MATERIAL		BELT STI	RENGTH		TEMPE	RATURE	BELT WEIGHT	
BEET WINTERWINE	Stra	night	Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²	
	N/m	lb/ft	N/m	lb/ft	C / I (((()))	C7 I (Max.)	10,111	
Polypropylene	9000	616.70	1200	82.2	+5 / +41	+90 / +194	5.10 / 1.04	
Polyethylene	-	-	-	-	-	-	-	
Acetal	16250	1113.48	1600	109.6	-43 / -45.4	+110 / +230	7.40 / 1.52	

⁻ Belt strength and temperature values are maximum on the table.

EC254 R-GT

Pitch: 26 mm / 1 inch

Belt Surface: Friction Top Surface

Minimum Width: 100 mm / 4 inch

Open Area (%): 38%. (Biggest opening 6.5x12 mm)

Flight: Yes Side Wall: No

Rod: Ø5 mm / 0.196 inch - Self Lock

Approved: FDA and EU

Curve: Yes

Color: Additional colors available

Cleanability: Excellent

Application: Straight and side flexing

Collapse Factor: 2.1 - 2.4 (Changeable according to belt width)

Belt Thickness: 11 mm / 0.43 inch



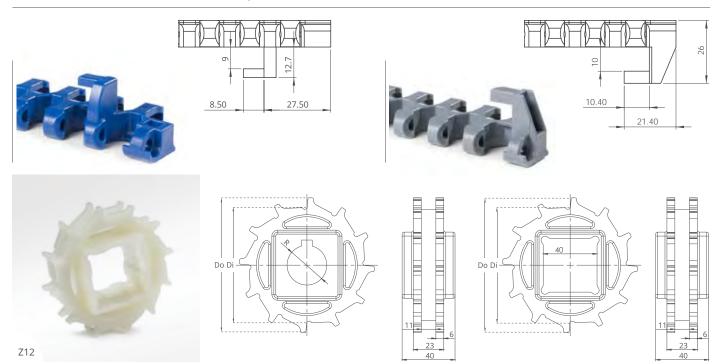
EC254 R Series Accessories and Technical Specifications



EC254 R Series / Flight & Sidewall Dimensions

EC254R Series / Flights & Sidewalls									
PRODUCT CODE	Flight Height (mm/ inch)	Flight Width (mm/ inch)	PRODUCT CODE	Sidewall Height (mm/ inch)					
EC254R T25	25 / 1	165 / 6.49	-	-					
EC254R T50	50 / 2	165 / 6.49	-	-					

EC254 R Series / TAB - Technical Specification



EC254 R Series / Standard Sprockets Dimensions

NO.TEETH	Di	Do	В	Α	Square	Round	PRODUC	T CODE	
NO.IEEIH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore (Q) mm/ inch	Bore (R) mm/inch	Square Type (Q)	Round Type (R)	
Z8	53 / 2.09	67.75 / 2.67	6 / 0.24	40 / 1.57	25 / 1	25 / 1	MD-TR254SQ25Z8*POM	MD-TR254SRZ8*POM	
Z10	70 / 2.76	85 / 3.35	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ10*POM	MD-TR254SRZ10*POM	
Z12	87 / 3.43	102 / 4.02	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ12*POM	MD-TR254SRZ12*POM	
Z15	112 / 4.41	126.5 / 4.98	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ15*POM	MD-TR254SRZ15*POM	
Z18	137 / 5.39	152 / 5.98	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ18*POM	MD-TR254SRZ18*POM	

^{*}Other sprockets and hub sizes are manufactured up to request.

^{*}POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

EC254T R (Tight Radius)

Pitch: 26 mm / 1 inch

Belt Surface: Smooth Surface

Minimum Width: 167 mm / 6.57 inch

Open Area (%): 38%. (Biggest opening 6.5x12 mm)

Flight: No Side Wall: No

Rod: Ø5 mm / 0.196 inch - Self Lock

Approved: FDA and EU

Curve: Yes

Color: Additional colors available

Cleanability: Excellent

Application: Straight and side flexing

Collapse Factor: 1.4 - 1.6 (Changeable according to belt width)

Belt Thickness: 13 mm / 0.51 inch



- Belt designed for tight radius applications.
- · Available for light and medium load capacity.
- 180 degree high speed side flexing applications.
- High temperature and wear resistance. Unique locking system.
- Belt provides optimal open area for drainage and airflow.

EC254T R / Technical Information

BELT MATERIAL		BELT ST	RENGTH		TEMPE	RATURE	BELT WEIGHT	
BEET WITH ERRITE	Stra	ight Curve			°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²	
	N/m	lb/ft	N/m	lb/ft	C / I (IIIII.)	C7 I (ITIAX.)	7 15/10	
Polypropylene	9000	616.70	1200	82.2	+5 / +41	+90 / +194	5.10 / 1.04	
Polyethylene	-	-	-	-	-	-	-	
Acetal	16250	1113.48	1600	109.6	-43 / -45.4	+110 / +230	7.40 / 1.52	

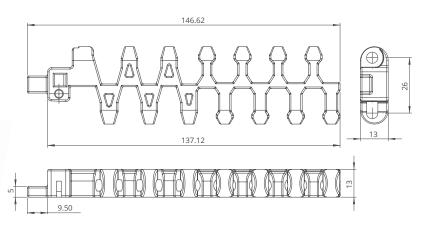
- Belt strength and temperature values are maximum on the table.

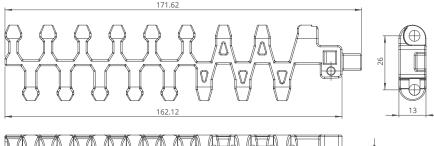


EC254T R Series Accessories and Technical Specifications

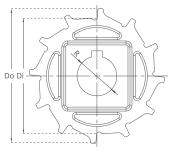
EC254T R Series / TAB - Technical Specification

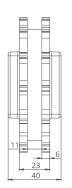


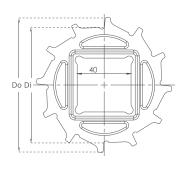


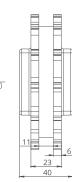












EC254T R Series / Standard Sprockets Dimensions

NO TEETLI	Di	Do	В	А	Square	Round	PRODUC	T CODE
NO.TEETH	mm/ inch	mm/ inch	mm/ inch	mm/ inch	Bore (Q) mm/ inch	Bore (R) mm/ inch	Square Type (Q)	Round Type (R)
Z8	53 / 2.09	67.75 / 2.67	6 / 0.24	40 / 1.57	25 / 1	25 / 1	MD-TR254SQ25Z8*POM	MD-TR254SRZ8*POM
Z10	70 / 2.76	85 / 3.35	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ10*POM	MD-TR254SRZ10*POM
Z12	87 / 3.43	102 / 4.02	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ12*POM	MD-TR254SRZ12*POM
Z15	112 / 4.41	126.5 / 4.98	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ15*POM	MD-TR254SRZ15*POM
Z18	137 / 5.39	152 / 5.98	6 / 0.24	40 / 1.57	40 / 1.5	25-30 / 1-1.25	MD-TR254SQZ18*POM	MD-TR254SRZ18*POM

^{*}Other sprockets and hub sizes are manufactured up to request.

^{*}POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

Engineering Information

All Products		,				et _d bl _{los}	בי	£ 8074.	Calling States	acturity (%)	00	Carcu	DJROQD	oglobo,	Jolling.	0//
BELT CODE	Baker			Seaf	Fruit	Shacks	Beve Oo	Can A. Both.	Tire 1.	Auto	Corr.	Party Carry	Print	Maton Sepon	18/11/Andling	Postal
EC127 C	*	*	*	*	*	*	*	*	*		*	*	*	*		
EC127 FG	*	*		*	*	*	*	*			*	*		*		
EC127 GT	*	*	*	*	*	*	*	*				*	*	*		
XP254 C	*	*	*	*	*	*	*	*	*	*		*	*	*		
XP254 PR%22		*		*	*	*									*	
XP254 FG			*	*	*	*			*						*	
XP254 FLT CR							*	*		*	*	*		*		
XP254 CR							*				*			*		
EC254 C		*	*		*	*										
EC254 PR%16					*											
EC254 NT		*	*		*											
MD254 C	*	*	*	*	*	*	*	*				*	*	*		
MD254 FG	*	*	*	*	*	*	*	*	*			*		*	*	
MD254 RR					*		*	*				*				
MD254 GT	*	*	*	*	*	*	*					*		*		
MD254 GAP%48	*			*	*										*	
EC381 C					*											
EC381 PR%22					*											
EC381 FG					*											
EC381 NT					*											
EC508 C		*	*	*	*	*						*		*		
EC508 PR%22			*	*	*	*						*				
EC508 PR%11					*	*						*				
EC508 PR%13				*	*											
EC508 FG				*	*	*			*			*				
EC508 DT			*	*	*	*										
HP508 C					*		*		*	*	*	*		*		
HP508 RR					*		*	*				*			*	
EC254 R	*	*	*	*	*	*	*	*		*		*		*	*	
EC254T R (Tight Radius)	*	*	*	*	*	*	*	*		*		*		*	*	

BELT RAW MATERIAL / PINS RAW MATERIAL COMBINATION							
	Applications	Belt Modules	Rods Pins				
Standard	General Use Dry General Use Wet Chemical Resistance Low Temperature Low Temperature High Load Dry	PP PP PP PE POM POM	PP - POM or PA POM or PP PP PE - POM PE - POM PA				
High Temperature	High Load Dry Wet 55 to 108°C Temperature up to 180°C	POM PPH (special) PA	PA PPH (Special) / Steel PA / Steel				
Abrasive Conditions	Dry Wet up to 55 °C	POM PP	PA POM				

Engineering Information

All Products

STANDARD BELT MATERIALS WITH MODUTECH CODE									
Material	Description	Code	Food Approved	Temperature					
Polypropylene	- Standard material for the most common conveying applications. - Excellent chemical resistance.	PP	FDA - EU	+5 to +80 °C					
Polyethylene	 Excellent chemical resistance. Well suited for very low temperature with good impact resistance. Not suitable for abrasive conditions. 	PE	FDA - EU	-70 to +60 °C					
Polyacetal	 Good strength and low coefficient of friction. Not suitable for chemical environment. Suitable for heavy duty applications. 	POM	FDA - EU	Dry Conditions -38 to +90 °C Wet Conditions -35 to +60 °C					

	STANDARD BELT RAW MATERIALS WITH MODUTECH CODE									
Material	Description	Code	Food Approved	Temperature						
Polyamide6	 High strength and abrasion resistance. Suitable for heavy duty applications. Not suitable for wet conditions. 	PA6	FDA - EU	Dry Conditions -35 to +120 °C Wet Conditions Not Recommended						
Polyamide6.6	 Better strength and abrasion resistance. Suitable for heavy duty applications. Not suitable for wet conditions. 	PA6.6	FDA - EU	Dry Conditions -35 to +120 °C Wet Conditions Not Recommended						
Antistatic Polyacetal	 Reduced electrical surface to reduce belt charge up and dust accumulation. Suitable for heavy duty applications and low temperature. 	POM	-	Dry Conditions -35 to +80 °C Wet Conditions Not Recommended						
Detectable Polyacetal	- Polyacetal with a special additive, which makes the material very well detectable for X-ray and metal detectors.	POM	FDA - EU	Dry Conditions -38 to +90 °C						
Detectable Polypropylene	 Polypropylene with a special additive, which makes the material very well detectable for X-ray and metal detectors. 	PP	FDA - EU	+5 to +90 °C						
Hot Water Resistant Polypropylene	 Polypropylene with a special additive to improved temperature resistance. Suitable for wet conditions. 	PPH	FDA - EU	+5 to +108 °C						
Low Friction Acetal	 Better strength and low coefficient of friction. Not suitable for chemical environment. Suitable for heavy duty applications. 	POM LF	FDA - EU	+5 to +108 °C						
High Performance Acetal (PBT)	 Extra wear resistance, strength and low coefficient of friction. Not suitable for chemical environment. Suitable for heavy duty applications. 	POM HP	FDA - EU	-35 to +90 °C						
Extra High Temperature (EHT)	- Excellent heat resistance Suitable for light-medium duty applications at elevated temperatures.	PA EHT	FDA - EU	Dry Conditions +4 to +210 °C Wet Conditions No Request						



- DECLARATION OF COMPLIANCE -

Modutech Konveyor Bant Sistemleri San. ve Tic. A.S., Kemalpasa OSB Mah. No: 228 Kuyucak Yolu Kumeevleri / Izmir,Turkey , here by declares under its exclusive responsibility that the Modular Belt (PP) Conforms with the Food Regulation:

according to the CFR code code of Federal Regulations

Title 21 # 177.520

among those listed by FDA standard

SpeciPcations 3.1 olePn copolymers for use in articles that contact food except for articles used for packing and holding food during cooking This attest was issued on the basis of the accredited NSF laboatory test with:

> Project no: 9896049, Date of Report: January 9th, 2015









- DECLARATION OF COMPLIANCE -

Modutech Konveyor Bant Sistemleri San. ve Tic. A.S., Kemalpasa OSB Mah. No: 228 Kuyucak Yolu Kumeevleri / Izmir,Turkey, here by declares under its exclusive responsibility that the MODULAR BELT POLYPROPYLENE PLASTIC (PP) RAW MATERIAL

Conforms with the Food Regulations with reference to COMMISSION REGULATION EU NO 10/2011 of 14 January 2011 and amendments

The belt is suitable to come into contact with any aqueous, acid, oily and fatty food listed in the Regulation EU 10/2011 and amendments.

All materials used to produce this belt comply with the applicable law The overall migration of the authorised substances, measured using the prescribed extracting substances (simulants) is lower than the maximum limit allowed:

> Overall migration with simulant A - ethanol 10% Overall migration with simulant B – acetic acid 3% Overall migration with simulant - ethanol 95% < 10 mg / dm² Overall migration with simulant – isooctane Overall migration with simulant E – MPPO (tenax)

Tests have been carried out for a period of 2 hours at 70°C. The limit of detection is 3 mg / dm². The soluble heavy metals in aqueous test is lower than the maximum limit allowed:

> Specific migration of Barium < 0,05 mg / kg Specific migration of Cobalt Specific migration of Copper < 5.00 mg / kg Specific migration of Iron Specific migration of Lithium Specific migration of Manganese < 0,60 mg / kg

The information herein contained represents an extract from an analysis certification issued by a Accredited IAS laboratory test with: Report no TR1130211 Dated 07.06.2017

< 25,00 mg / kg

Specific migration of Zinc





Our Declaration of Compliance

Modutech offers you wide range of modular belts with FDA - EU certificates.



4143 Rider Trial North Earth City, MO 63045 **Phone:** 800.727.2358

beltservice.com

