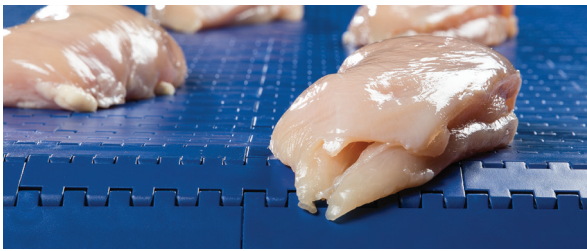
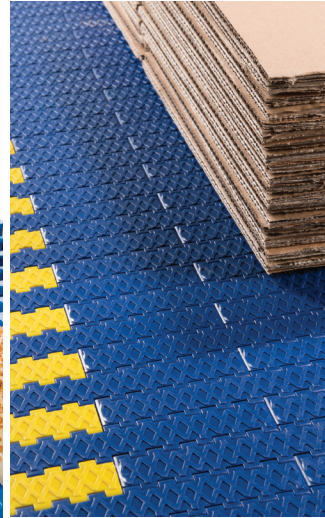




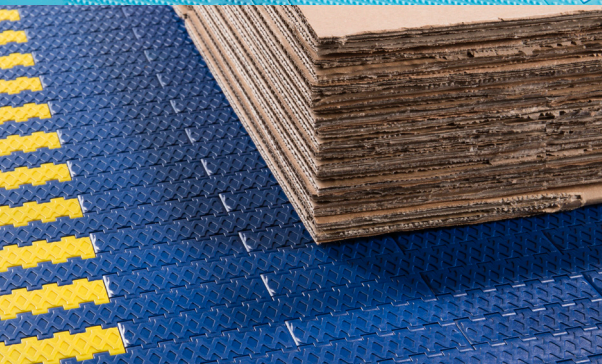
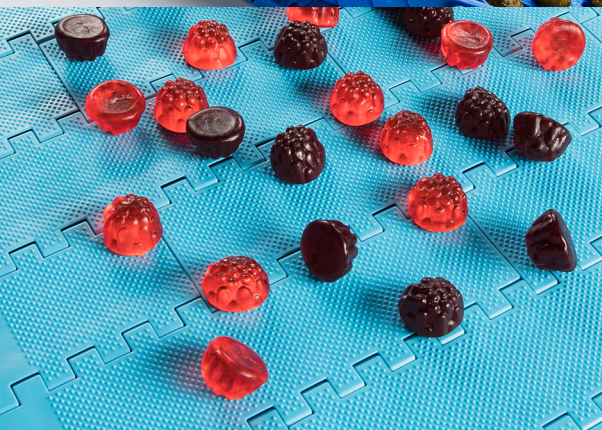
MODUTECH[®]
Movement Technologies



Modular Belts Brochure

www.modutech.com.tr

2019



MODUTECH

Movement Technologies

We are rapidly growing. Thanks to the "understanding of excellence" in product and service quality, in the plastic modular belt sector. We export plastic modular belts and accessories (sprockets, flights, sidewalls) produced with high production standards to more than 40 countries, including 5 continents.

We have right partnerships with industrial companies, original equipment manufacturers and distributors in many countries of the world with the strength of our production quality, flexible capability, pre-sales and after-sales service.

We are constantly proving our expertise for food industry. We have FDA and EU approvals that are recognized as quality standards around the world for the safe and hygienic carry of food products.

With our movement technologies, we are carrying your business to the future.

Today and always.



Flexibility for various applications

Modular Belts are more durable, flexible and efficient than traditional conveyor belts because of their material and functional solutions.

Modutech Modular Belts are constructed of plastic modules. They are secured with full-length hinge rods and driven through plastic sprockets which allows customization with a variety of flights, side guards and accessories. In addition, with the advantages of resilience in difficult environments, sterilization, low maintenance and easy installation; modular belts offer high performance even in various applications.

Here are our applications for various industries:

- fruit and vegetable applications
- meat, poultry and seafood applications
- bakery and pasta applications
- beverage applications
- can applications
- corrugated applications



Modutech Modular Belts ensures quality

We rely on standardisation by producing plastic modular belts from design to plastic moulding and assembling at acceptable standards. With the high quality materials combined with ultimate engineering offers us specialization in the production of plastic modular belts. We ensure this quality through complying with FDA and EU regulations. These regulations provides precise manufacturing process and high performance conveyor belts.

High Quality Materials

Best material ensures superior product quality and performance. Because of the material quality, change in temperatures can be easily handled through operations. We offer you standard materials like PP, PE, POM (acetal) and special materials such as detectable, antistatic, flame retardant, extra high temperature, hot water resistant, reinforced and low friction.



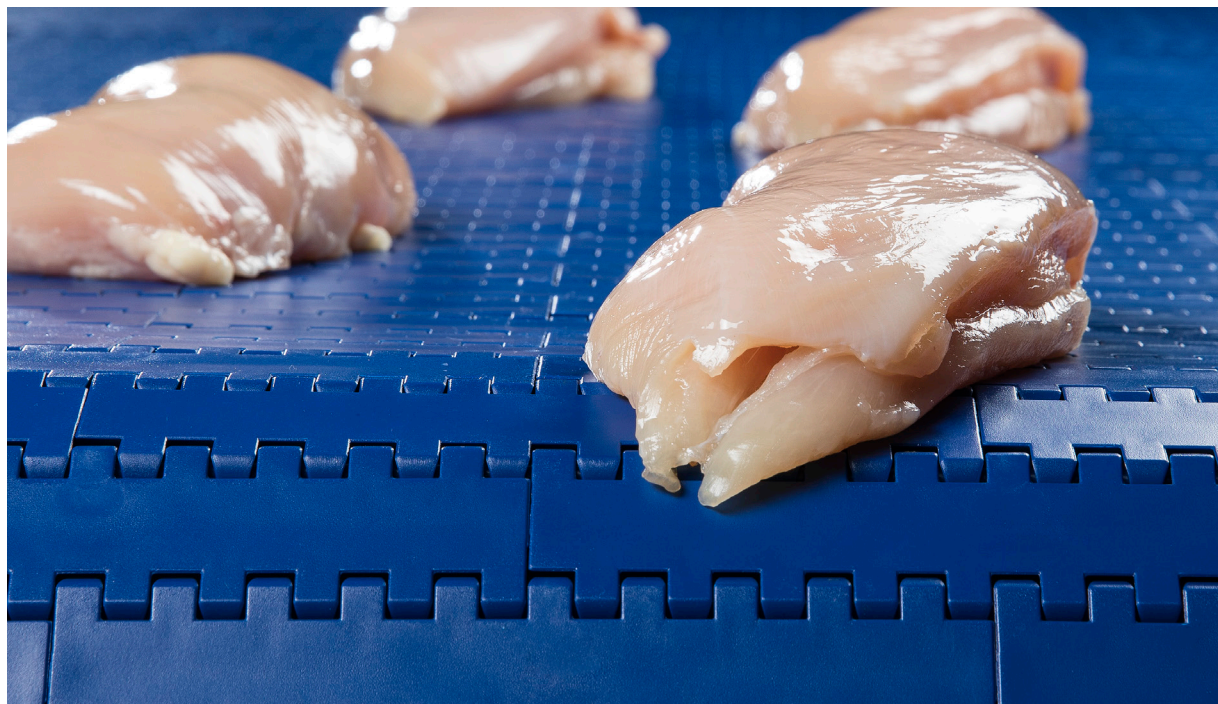
Various Industries Need Special Solutions

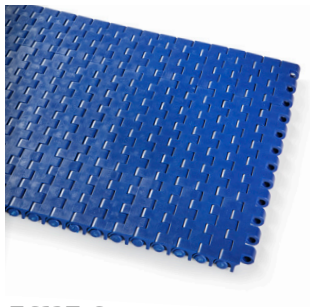


We offer combinable designs, materials and accessories for specific industries. Because, different working environments needs different solutions. Hygiene in case of bacteria retention is the key for food industry. Cleanliness standards are ensured through FDA and EU regulations. During manufacturing process, easy to clean and low maintenance helps you to keep these standards.

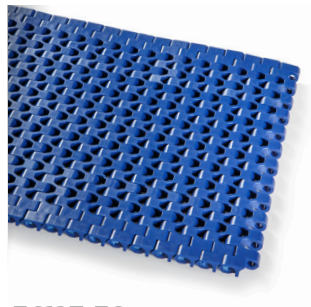



MODUTECH





EC127 C



EC127 FG

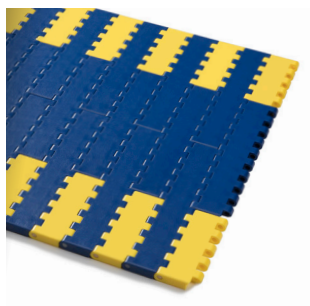


EC127 GT



XP254 CR

Corrugated & Logistic Belt Series

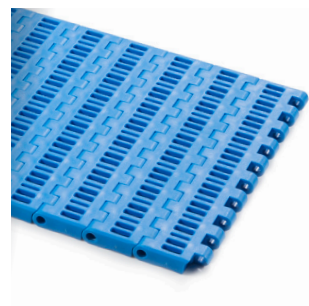


XP254 FLT CR

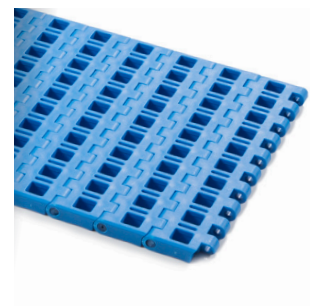
Corrugated & Logistic Belt Series



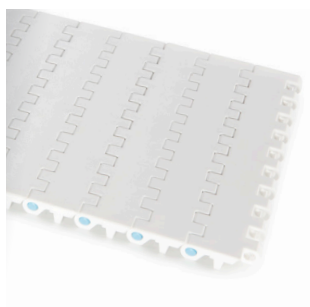
XP254 C



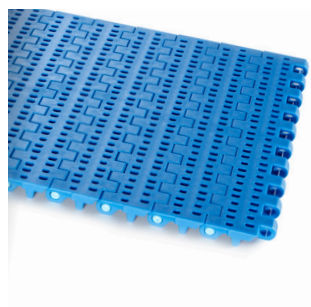
XP254 PR%22



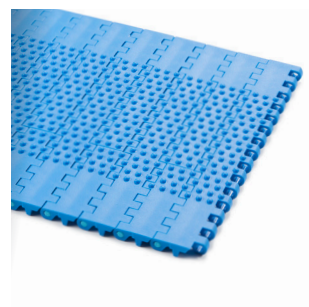
XP254 FG



EC254 C



EC254 PR%16



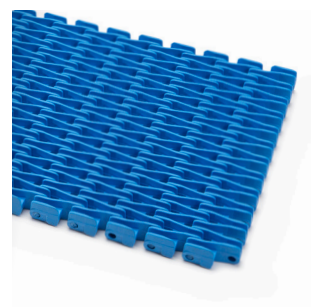
EC254 NT



MD254 FG



MD254 C



MD254 RR



MD254 GAP%48



MD508 C



MODUTECH



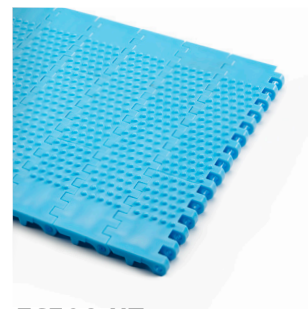
MD508 PR%25



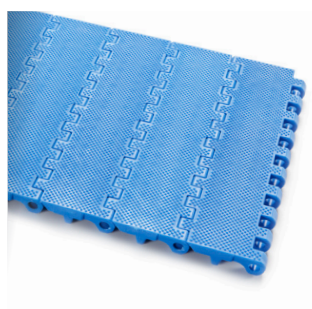
MD508 FG



EC508 C



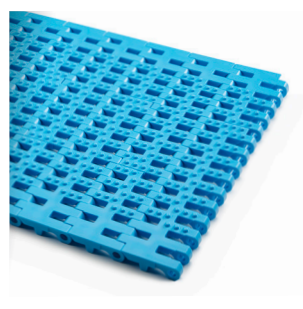
EC508 NT



EC508 DT



EC508 FG



EC508 FG-NT



EC508 PR%22



EC508 PR%11



EC508 PR%13



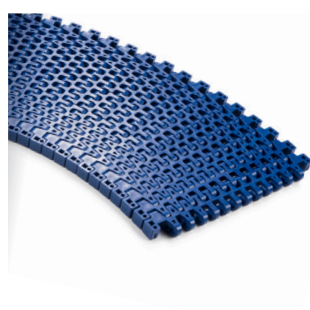
HP508 RR



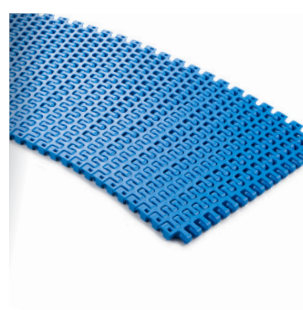
HP508 FG
Battery Belt



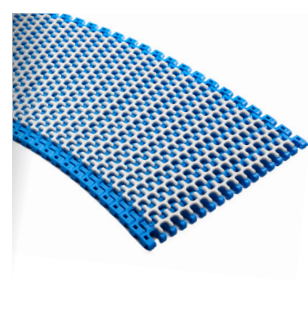
HP508 C



EC254T R
Tight Radius Belt 1,4



EC254 R
Radius Belt 2,1



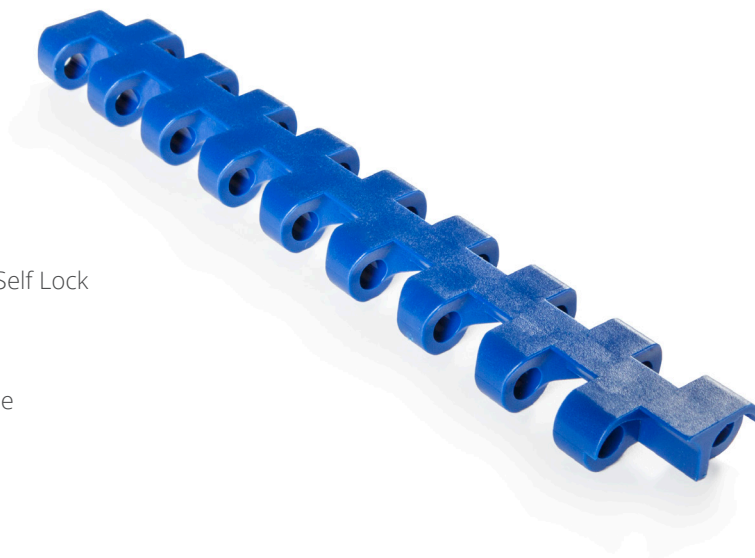
EC254 R-GT
Radius Belt 2,1 with friction surface

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.

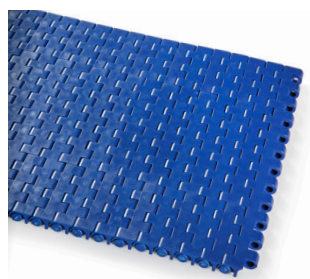
Available Moulded Module Sizes

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

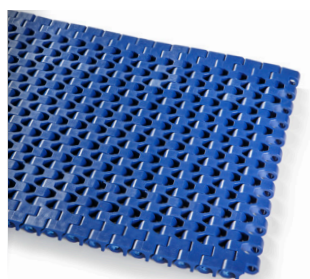
EC127 C / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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

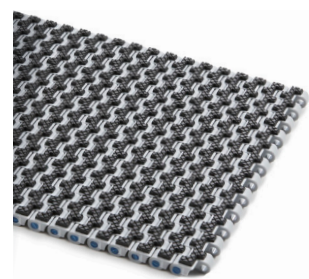
- Belt strength and temperature values are maximum on the table.



EC127 C



EC127 FG



EC127 GT





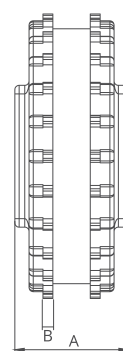
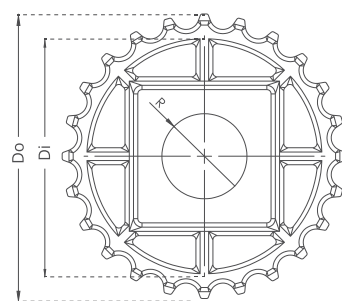
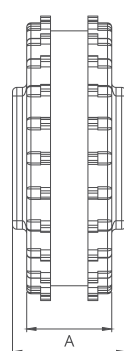
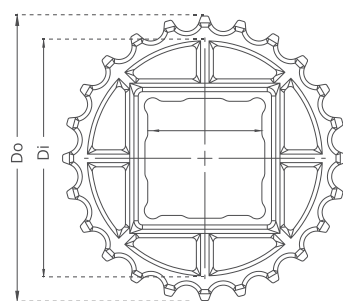
MODUTECH

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. TEETH	Di mm/inch	Do mm/inch	B mm/inch	A mm/inch	Square Bore (Q) mm/inch	Round Bore (R) mm/inch	PRODUCT CODE	
							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

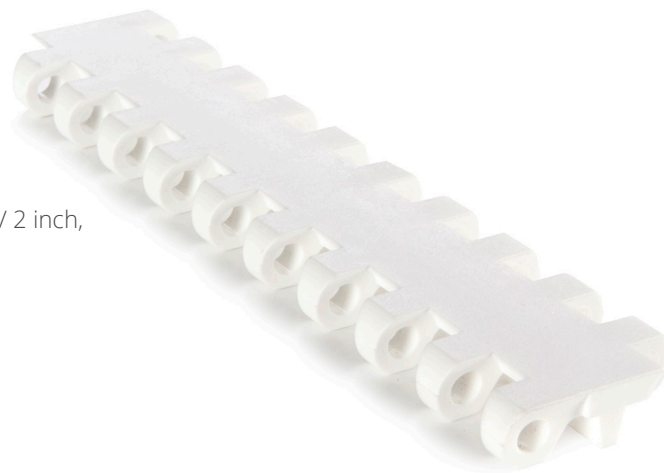
*Other sprockets and hub sizes are manufactured up to request.

*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 reduces downtime for cleaning time %70.
- Unique sprocket engagement - higher product load and longer conveyors.
- Close transfer applications.
- Reduces bacteria growth.

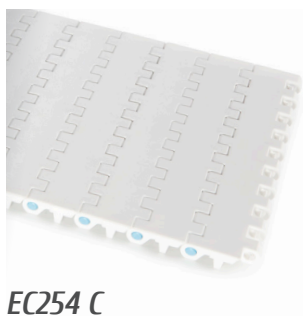
Available Moulded Module Sizes

- 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 STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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

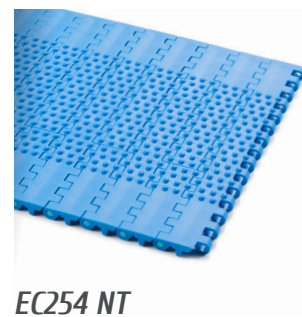
- Belt strength and temperature values are maximum on the table.



EC254 C



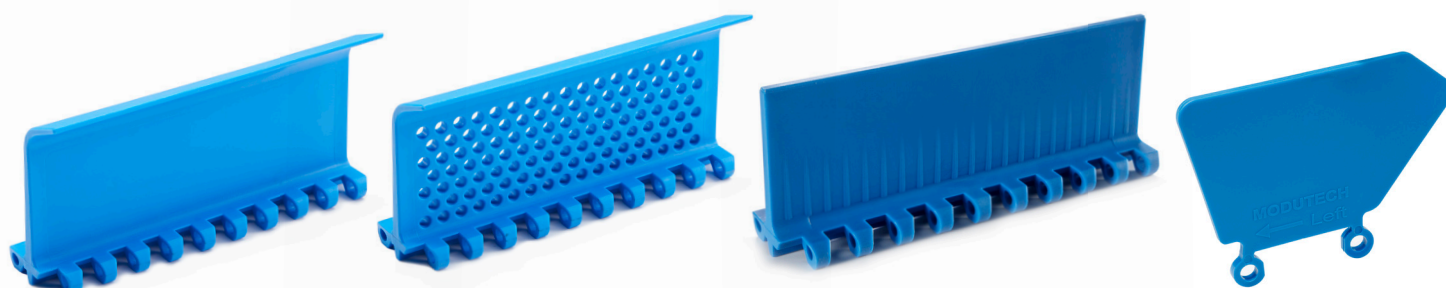
EC254 PR%16



EC254 NT

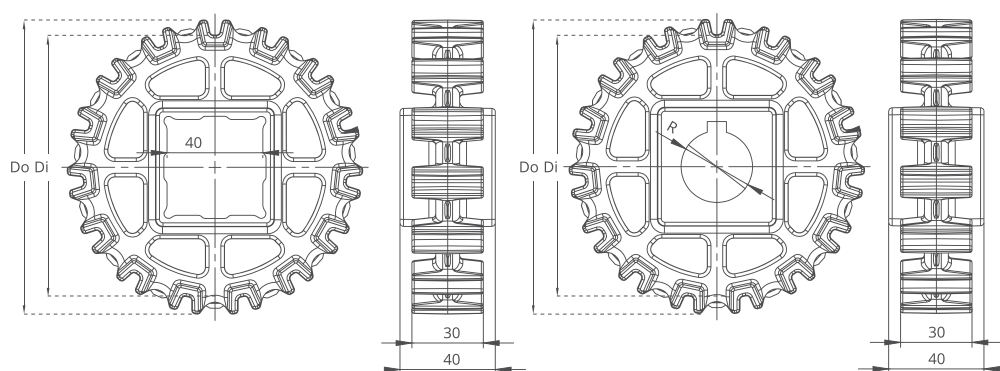
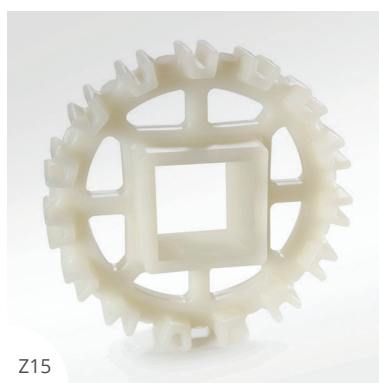


EC254 Series *Accessories and Technical Specifications*



EC254 Series / Flight & Sidewall Dimensions

EC254 Series / Flights & Sidewalls				
PRODUCT CODE	Flight Height (mm/ <i>inch</i>)	Flight Width (mm/ <i>inch</i>)	PRODUCT CODE	Sidewall Height (mm/ <i>inch</i>)
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

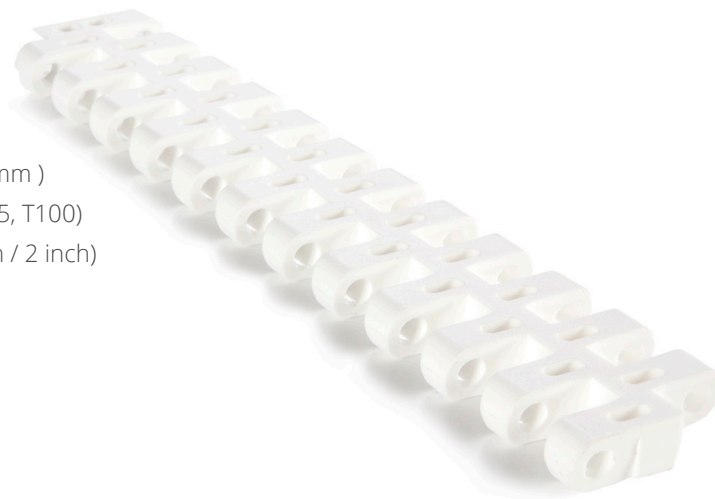
NO. TEETH	Di mm/ <i>inch</i>	Do mm/ <i>inch</i>	B mm/ <i>inch</i>	A mm/ <i>inch</i>	Square Bore (Q) mm/ <i>inch</i>	Round Bore (R) mm/ <i>inch</i>	PRODUCT CODE	
							Square Type (Q)	Round Type (R)
Z8	51,6 / 2.03	64,6 / 2.54	30 / 1.18	40 / 1.57	25 / 1	25 / 1	EC254SQZ8*POM	EC254SRZ8*POM
Z10	68,8 / 2.71	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



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 due to self cleaning surface.
- Stainless steel pins option for high temperature applications.
- Easy to clean reduces downtime for cleaning time %70.
- Stainless steel pins option reduce belt elongation for high temperature application.

Available Moulded 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

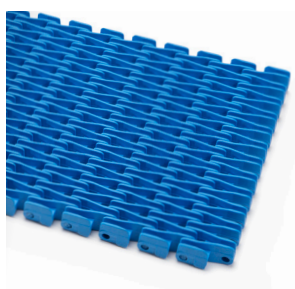
MD254 FG / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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.



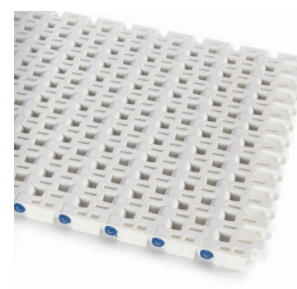
MD254 C



MD254 RR



MD254 GAP%48



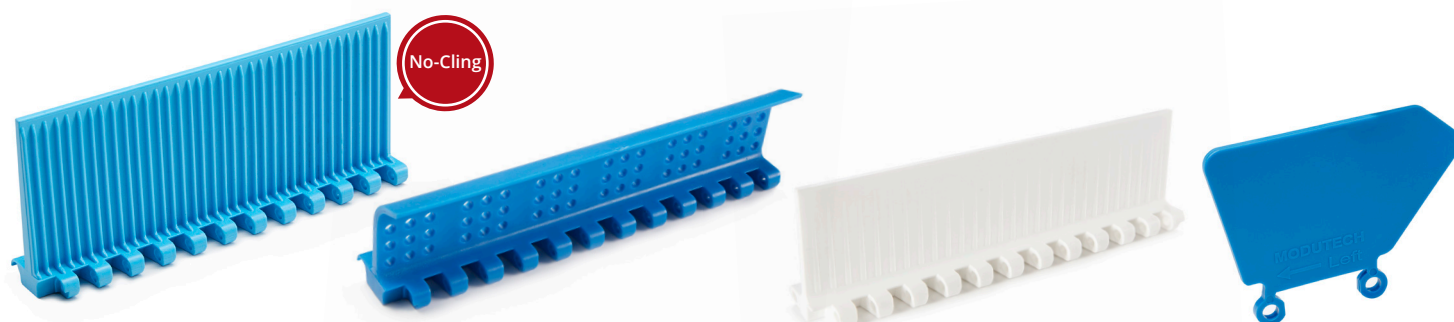
MD254 FG





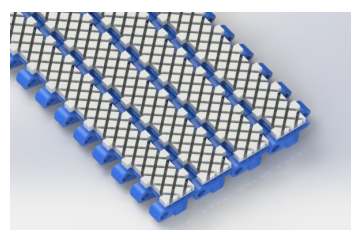
MODUTECH

MD254 Series Accessories and Technical Specifications



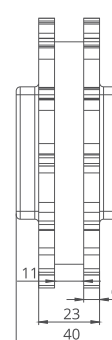
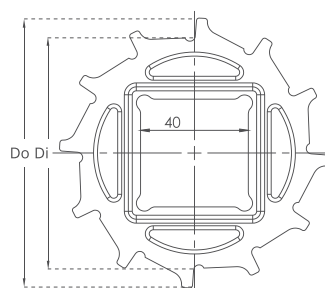
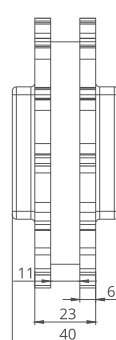
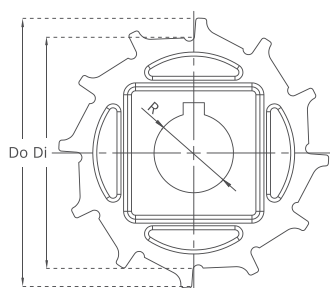
MD254 Series / Flight & Sidewall Dimensions

MD254 Series / Flights & Sidewalls				
PRODUCT CODE	Flight Height (mm/ <i>inch</i>)	Flight Width (mm/ <i>inch</i>)	PRODUCT CODE	Sidewall Height (mm/ <i>inch</i>)
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 TYPE	Belt Material	Belt Colour	Rubber Insert Colour	Module Width	
				mm	inch
MD254 GT	PP	White/Blue/ Gray	White/Black	200	7.87



MD254 Series / Standard Sprockets Dimensions

NO. TEETH	Di mm/ <i>inch</i>	Do mm/ <i>inch</i>	B mm/ <i>inch</i>	A mm/ <i>inch</i>	Square Bore (Q) mm/ <i>inch</i>	Round Bore (R) mm/ <i>inch</i>	PRODUCT CODE	
							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

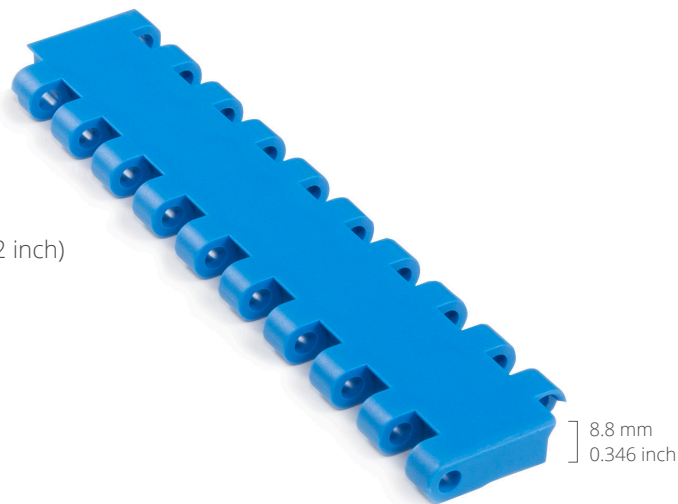
*Other sprockets and hub sizes are manufactured up to request.

*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 / 1 inch, 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.

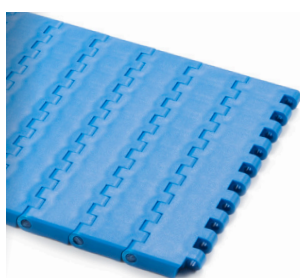
Available Moulded Module Sizes

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

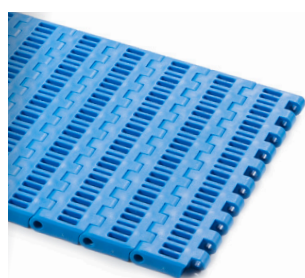
XP254 C / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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.



XP254 C



XP254 PR%22



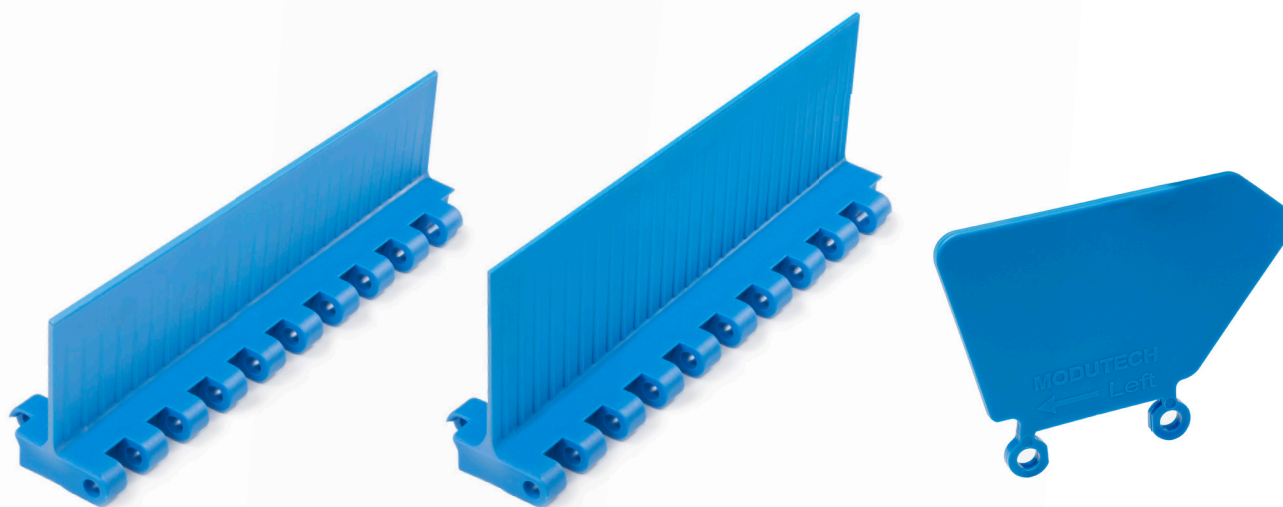
XP254 FG





MODUTECH

XP254 Series Accessories and Technical Specifications

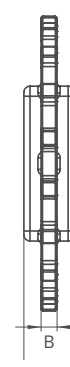
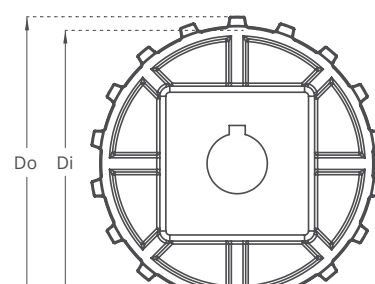
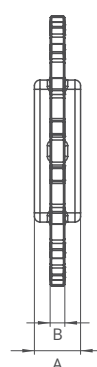
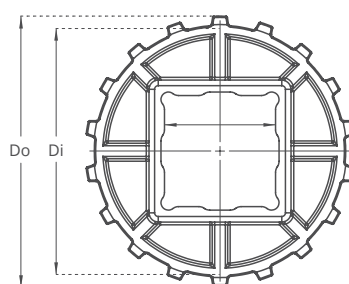


XP254 Series / Flight & Sidewall Dimensions

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	-	-



Z18



XP254 Series / Standard Sprockets Dimensions

NO.TEETH	Di mm/inch	Do mm/inch	B mm/inch	A mm/inch	Square Bore (Q) mm/inch	Round Bore (R) mm/inch	PRODUCT CODE	
							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.

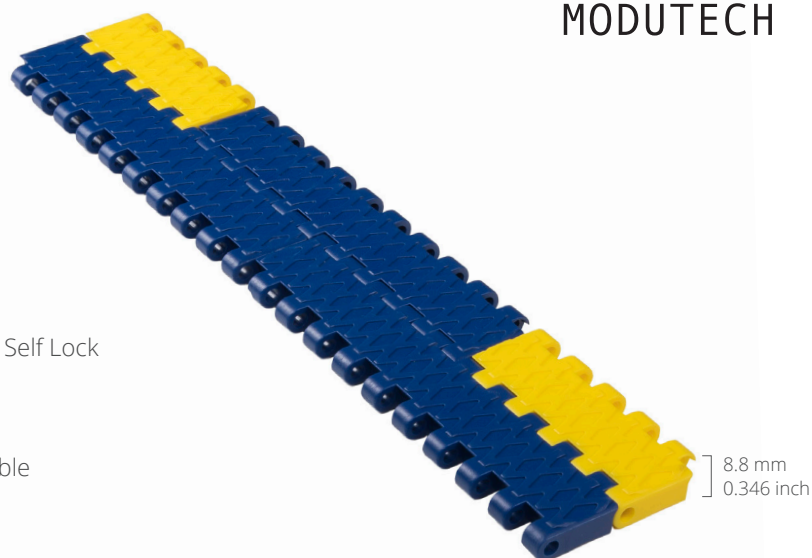
*Split sprockets are available for each size.



MODUTECH

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

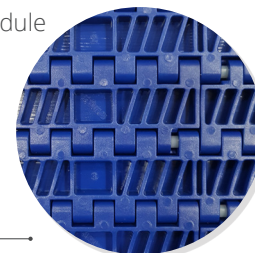


Product Features and Functional Benefits

- 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 Moulded Module Sizes

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



Reinforced Bottom Surface

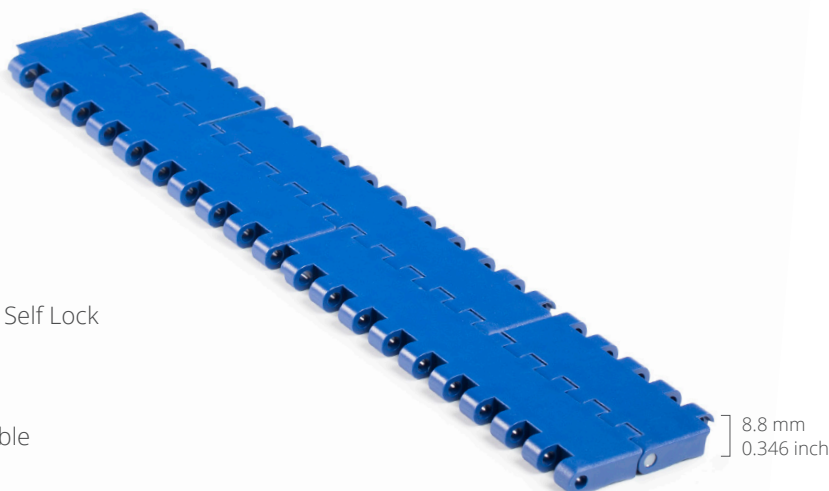
XP254 CR / Technical Information

BELT / PIN MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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
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



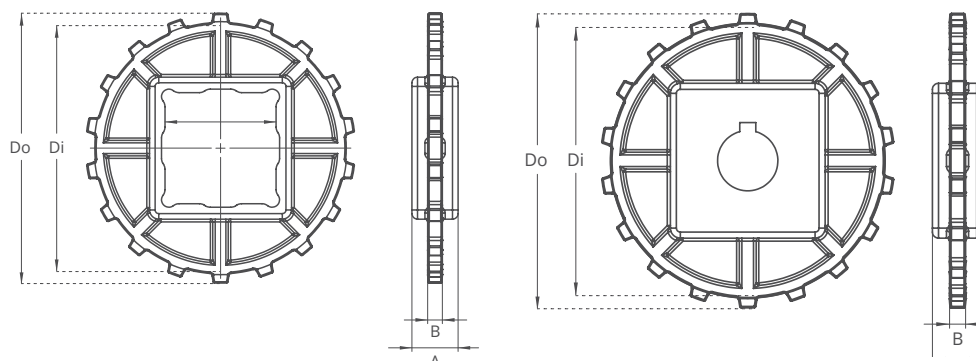


MODUTECH

XP254 Series *Accessories and Technical Specifications*



Z18



XP254 Series / Standard Sprockets Dimensions

NO.TEETH	Di mm/inch	Do mm/inch	B mm/inch	A mm/inch	Square Bore (Q) mm/inch	Round Bore (R) mm/inch	PRODUCT CODE	
							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.**



**Safety first because
Modutech cares about you!**
Non skid surface offers safety
through walking for corrugated
industry .

MD508 FG (Heavy Duty)



Pitch:	50.8 mm / 2 inch
Belt Surface:	Open smooth surface
Minimum Width:	150 mm / 5.90 inch
Open Area (%):	%37
Flight:	Yes (T50, T100, T150)
Sidewall:	-
Rod:	Ø7 mm / 0.275 inch
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	16 mm / 0.629 inch



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 due to self cleaning surface.
- Stainless steel pins option for high temperature applications.
- Easy to clean reduces downtime for cleaning time %70.
- Stainless steel pins option reduce belt elongation for high temperature application.

Available Moulded Module Sizes

- 150 mm / 5.90 inch module

MD508 FG / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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

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



MD508 C



MD508 FG



MD508 PR%25





MODUTECH

MD508 Series Accessories and Technical Specifications

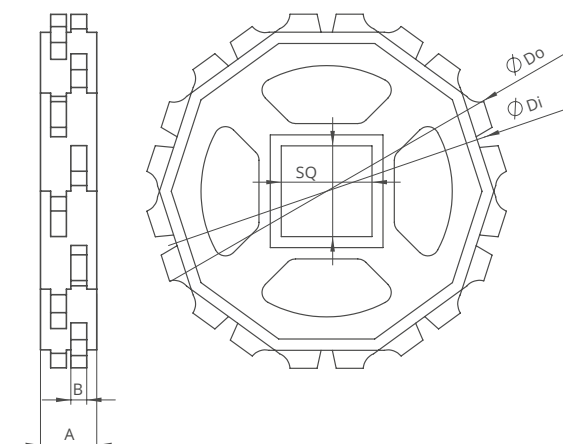
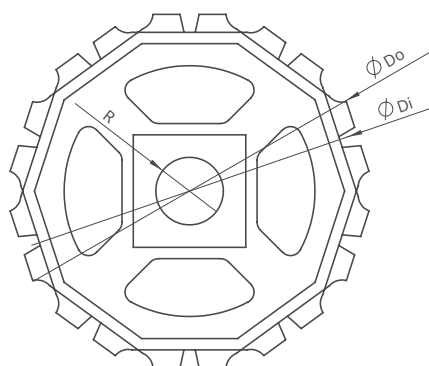


MD508 Series / Flight & Sidewall Dimensions

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



Z8



MD508 Series / Standard Sprockets Dimensions

NO.TEETH	Di mm/ <i>inch</i>	Do mm/ <i>inch</i>	B mm/ <i>inch</i>	A mm/ <i>inch</i>	Square Bore (Q) mm/ <i>inch</i>	Round Bore (R) mm/ <i>inch</i>	PRODUCT CODE	
							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.

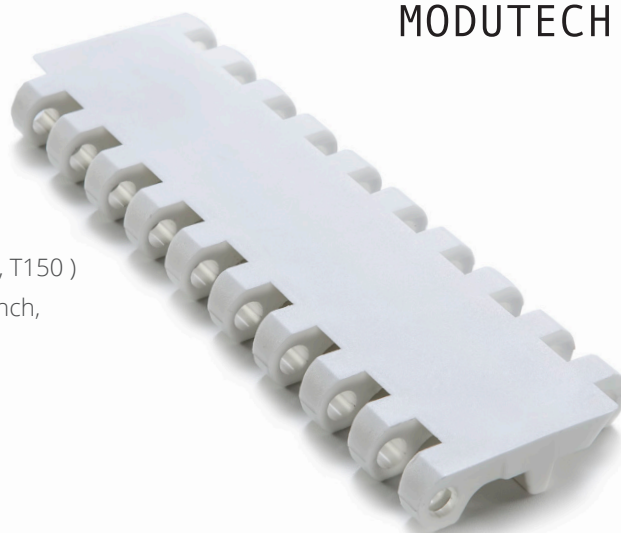
*POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

EC508 C (Easy Clean)



MODUTECH

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



Product Features and Functional Benefits

- Easy to clean reduces downtime for cleaning time 70%.
- 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 Moulded 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

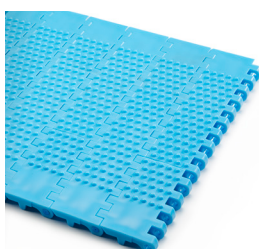
EC508 C / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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

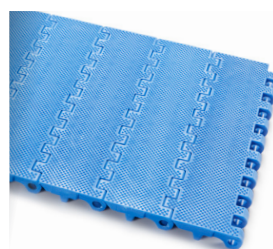
- Belt strength and temperature values are maximum on the table.



EC508 C



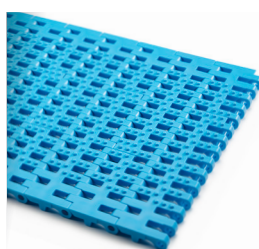
EC508 NT



EC508 DT



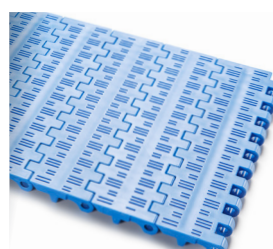
EC508 FG



EC508 FG-NT



EC508 PR%22



EC508 PR%11



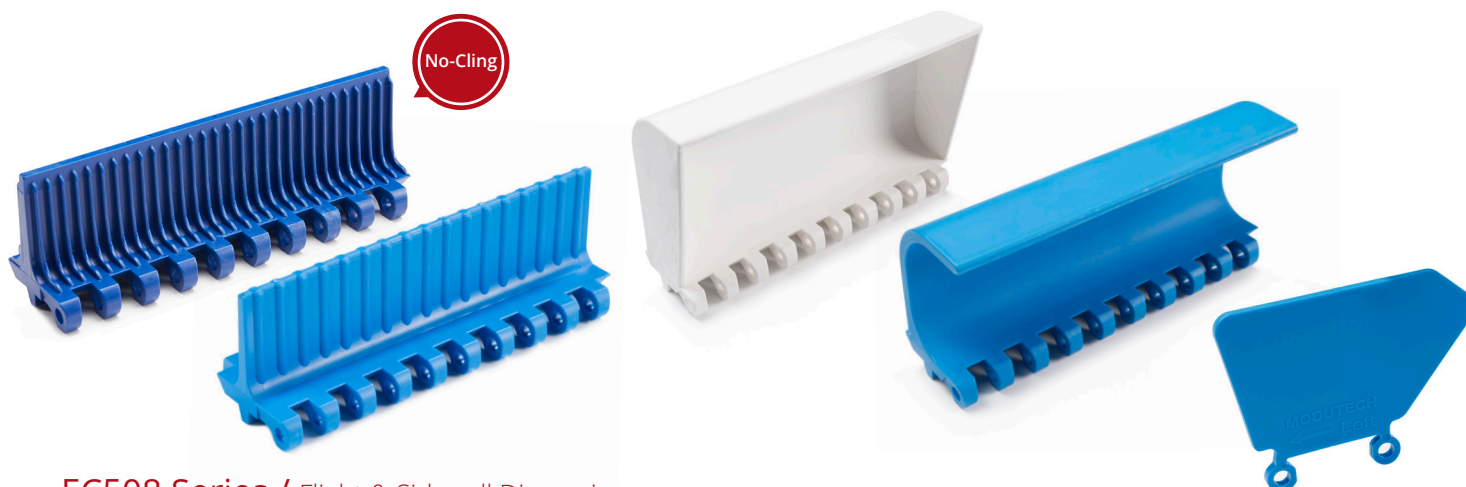
EC508 PR%13





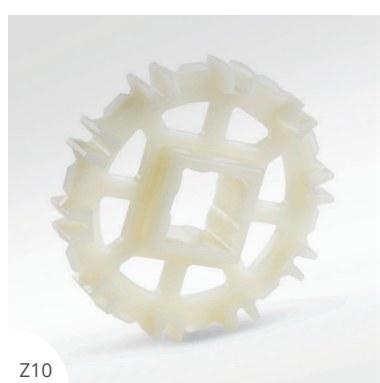
MODUTECH

EC508 Series *Accessories and Technical Specifications*

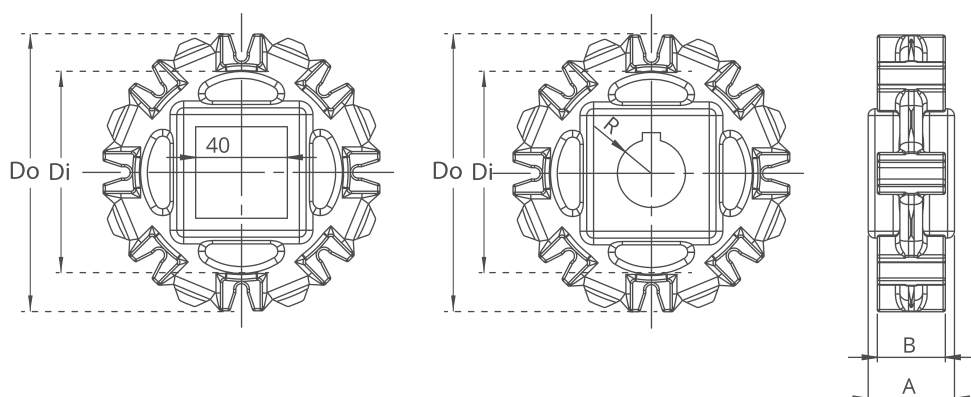


EC508 Series / Flight & Sidewall Dimensions

EC508 Series / Flights & Sidewalls				
PRODUCT CODE	Flight Height (mm/ <i>inch</i>)	Flight Width (mm/ <i>inch</i>)	PRODUCT CODE	Sidewall Height (mm/ <i>inch</i>)
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	-	-



Z10



EC508 Series / Standard Sprockets Dimensions

NO. TEETH	Di mm/ <i>inch</i>	Do mm/ <i>inch</i>	B mm/ <i>inch</i>	A mm/ <i>inch</i>	Square Bore(Q) mm/ <i>inch</i>	Round Bore(R) mm/ <i>inch</i>	PRODUCT CODE	
							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



MODUTECH

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



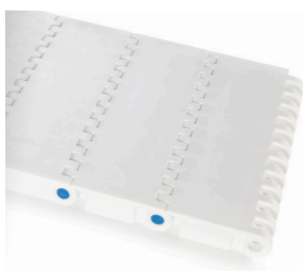
Product Features and Functional Benefits

- Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduces back line pressure with up to %70.
- 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 STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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.



HP508 C



HP508 RR



HP508 FG
Battery Belt

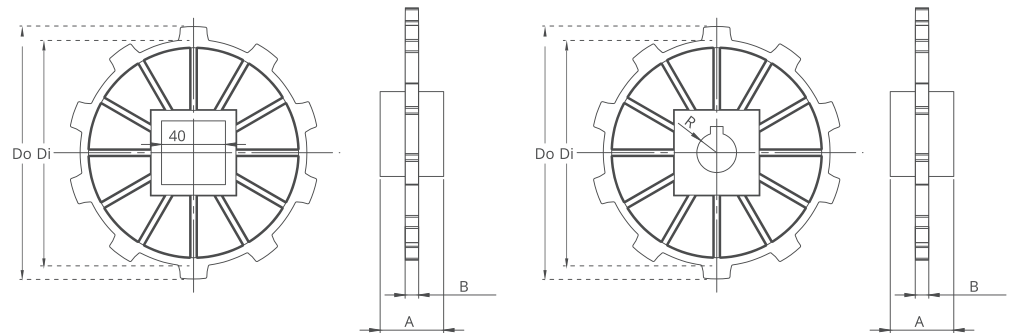


HP508 Series Accessories and Technical Specifications

MODUTECH



Z8

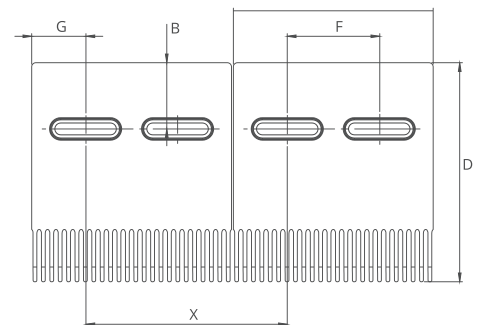
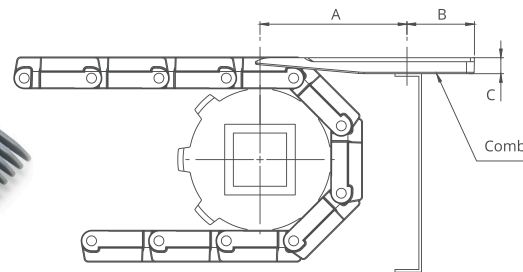


HP508 Series / Standard Sprockets Dimensions

NO.TEETH	Di mm/inch	Do mm/inch	B mm/inch	A mm/inch	Square Bore (Q) mm/inch	Round Bore (R) mm/inch	PRODUCT CODE	
							Square Type (Q)	Round Type (R)
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

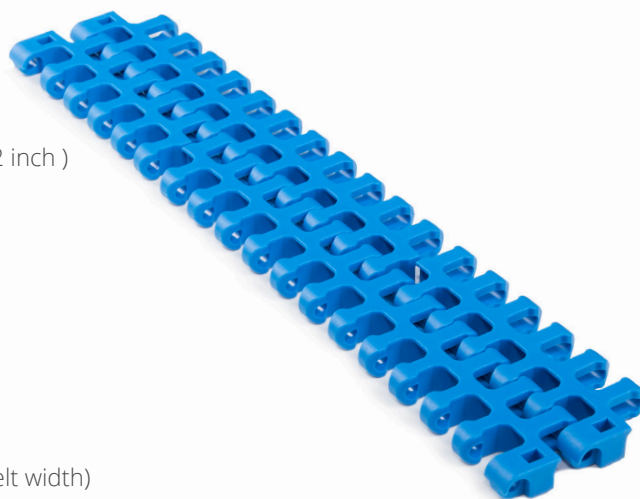
*Other sprockets and hub sizes are manufactured up to request.

*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



MODUTECH

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.

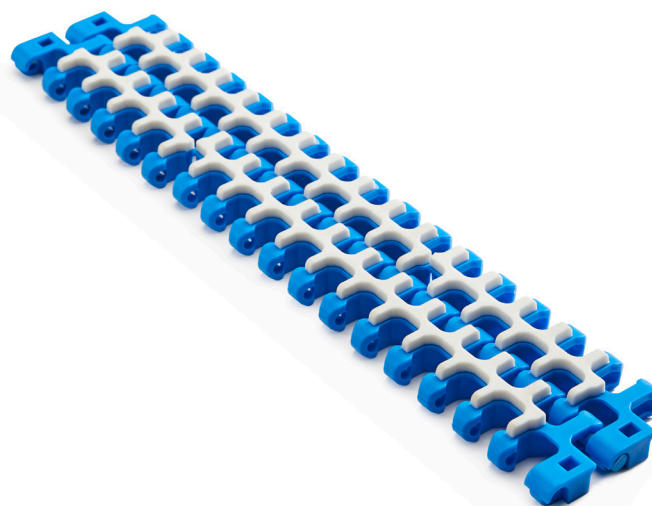
EC254 R / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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





MODUTECH

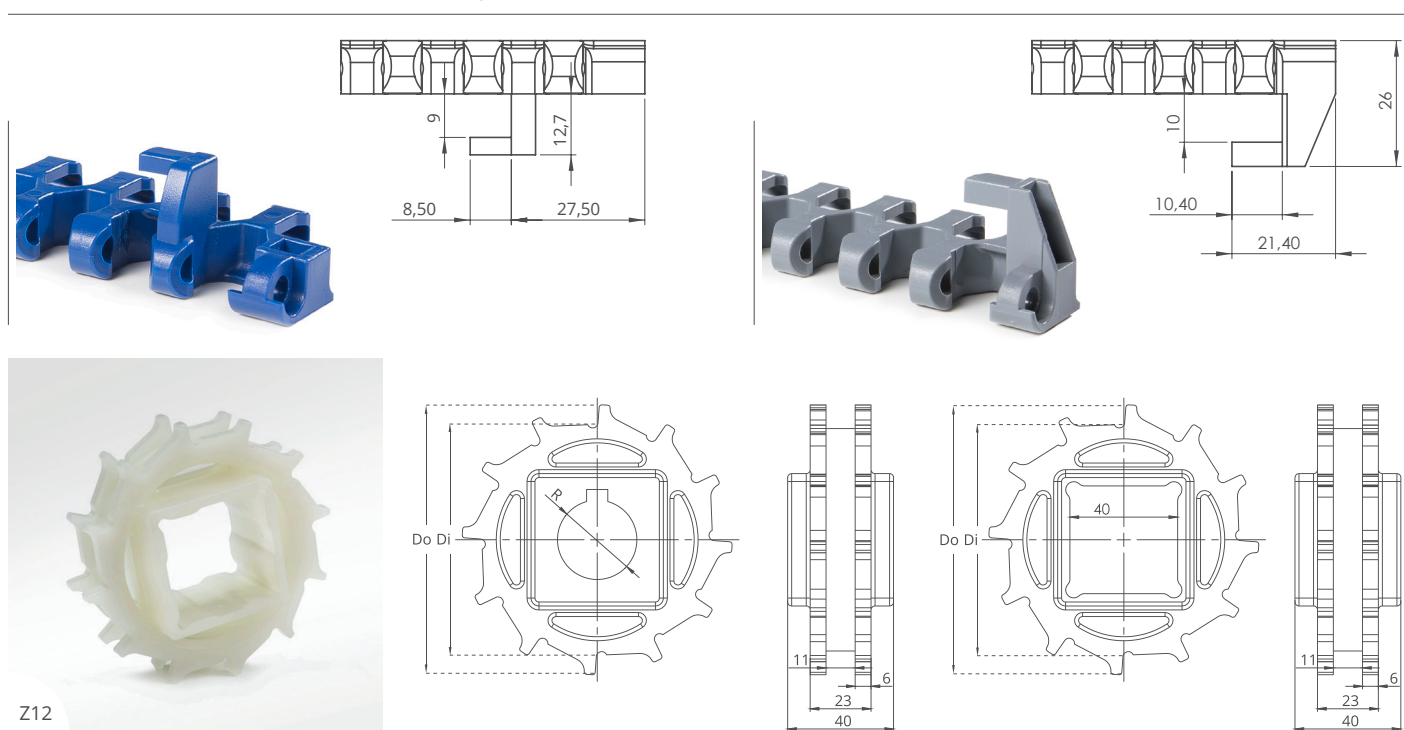
EC254 R Series Accessories and Technical Specifications



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 mm/inch	Do mm/inch	B mm/inch	A mm/inch	Square Bore (Q) mm/inch	Round Bore (R) mm/inch	PRODUCT CODE	
							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.

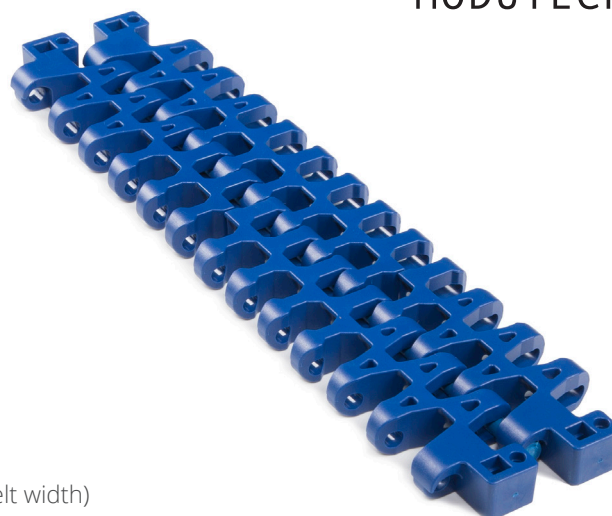
*POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

EC254T R (Tight Radius)



MODUTECH

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



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.

EC254T R / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m² / lb/ft²
	N/m	lb/ft	N/m	lb/ft			
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.

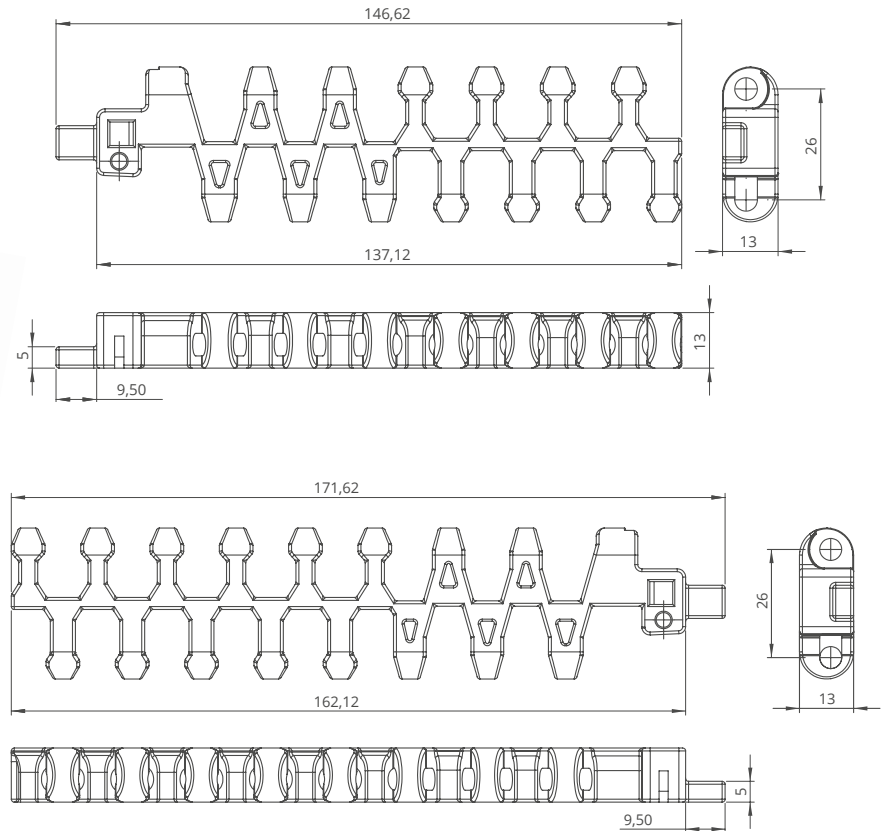
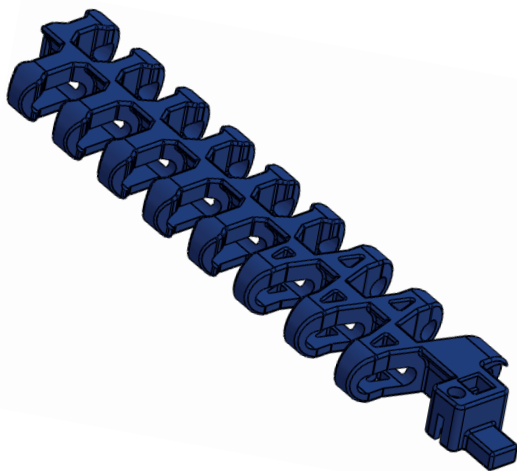




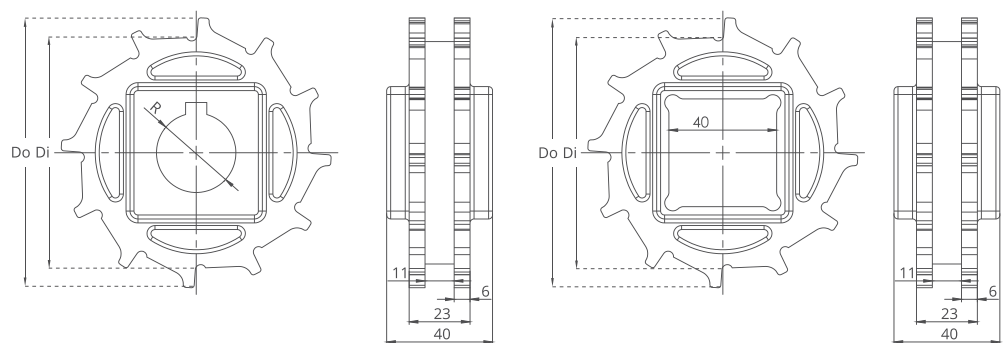
EC254T R Series *Accessories and Technical Specifications*

MODUTECH

EC254T R Series / TAB - Technical Specification



Z12



EC254T R Series / Standard Sprockets Dimensions

NO.TEETH	Di mm/inch	Do mm/inch	B mm/inch	A mm/inch	Square Bore (Q) mm/inch	Round Bore (R) mm/inch	PRODUCT CODE	
							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-TR254SQ10*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-TR254SQ12*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-TR254SQ15*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-TR254SQ18*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

BELT CODE	Bakery	Meat	Poultry	Seafood	Fruit & Vegetables	Snackfood	Beverages & Bottling	Can Manufacturing	Tire Manufacturing	Automotive	Corrugated Cardboard	Packaging	Printing & Paper	Material Handling	Textile	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
Standart	General Use Dry	PP	PP - POM or PA
	General Use Wet	PP	POM or PP
	Chemical Resistance	PP	PP
	Low Temperature	PE	PE - POM
	Low Temperature	POM	PE - POM
	High Load Dry	POM	PA
High Temperature	High Load Dry	POM	PA
	Wet 55 to 108 °C	PPH (special)	PPH (Special) / Steel
	Temperature up to 180 °C	PA	PA / Steel
Abrasive Conditions	Dry	POM	PA
	Wet up to 55 °C	PP	POM

STANDARD BELT MATERIALS WITH MODUTECH CODE				
Material	Description	Code	Food Approved	Temperature
Polypropylene	<ul style="list-style-type: none"> - Standard material for the most common conveying applications . - Excellent chemical resistance. 	PP	FDA - EU	+5 to +80 °C
Polyethylene	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Polypropylene with a special additive to improved temperature resistance. - Suitable for wet conditions. 	PPH	FDA - EU	+5 to +108 °C
Low Friction Acetal	<ul style="list-style-type: none"> - 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)	<ul style="list-style-type: none"> - 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)	<ul style="list-style-type: none"> - 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 Konveyör Bant Sistemleri San. ve Tic. A.Ş., Kemalpaşa OSB Mah. No: 228
Kuyucak Yolu Kumeevleri / İzmir, Turkey, here by declares under its exclusive
responsibility that the Modular Belt (PP)
Conforms with the Food Regulation:

FDA

according to the CFR code
code of Federal Regulations

Title 21 § 177.520

Granules and additives used to manufacture the modular belts are selected exclusively
among those listed by FDA standard
Specifications 3.1 olefin 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 laboratory test with:

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



Modutech Konveyör Bant
Sistemleri San. ve Tic. A.Ş.
Ankara Asfaltı 25.km Közölcükler Mevkii
Kuyucak Kemalpaşa / İzmir - TURKEY
Phone : +90 232 877 00 22 (pbx)
Fax: +90 232 877 01 11
Mail: info@modutech.com.tr
www.modutech.com.tr

İbrahim BAYIR
Modutech Quality Manager



- DECLARATION OF COMPLIANCE -

Modutech Konveyör Bant Sistemleri San. ve Tic. A.Ş., Kemalpaşa OSB Mah. No: 228
Kuyucak Yolu Kumeevleri / İzmir, 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.**

As prescribed by Commission Regulation EU 10/2011 – Annex III and Annex V, MODUTECH declares that:

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%	< 10 mg / dm ²
Overall migration with simulant B – acetic acid 3%	< 10 mg / dm ²
Overall migration with simulant – ethanol 95%	< 10 mg / dm ²
Overall migration with simulant – isooctane	< 10 mg / dm ²
Overall migration with simulant E – MPPPO (tenax)	< 10 mg / dm ²

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	< 1,00 mg / kg
Specific migration of Cobalt	< 0,05 mg / kg
Specific migration of Copper	< 5,00 mg / kg
Specific migration of Iron	< 48,00 mg / kg
Specific migration of Lithium	< 0,60 mg / kg
Specific migration of Manganese	< 0,60 mg / kg
Specific migration of Zinc	< 25,00 mg / kg

The information herein contained represents an extract from an analysis certification issued by a
Accredited IAS laboratory test with: Report no TR130211 Dated 07.06.2017



Modutech Konveyör Bant
Sistemleri San. ve Tic. A.Ş.
Ankara Asfaltı 25.km Közölcükler Mevkii
Kuyucak Kemalpaşa / İzmir - TURKEY
Phone : +90 232 877 00 22 (pbx)
Fax: +90 232 877 01 11
Mail: info@modutech.com.tr
www.modutech.com.tr

İbrahim BAYIR
Modutech Quality Manager

Our Declaration of Compliance

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

Movement Technologies



MODUTECH

İZMİR Head Office

Ankara Asfaltı 25.km Kızılıçıklar Mevkii
Kuyucak Kemalpaşa / İZMİR - TURKEY
Phone: +90 232 877 00 22 (pbx)
Fax: +90 232 877 01 11

e-mail: info@modutech.com.tr
www.modutech.com.tr

GERMANY Office

Modutech Belting GmbH
Konsul-Smidt-Straße 8b
28217 Bremen - GERMANY
Phone: +49 421 98699961
Fax: +49 174 1775388

e-mail: info@modutech-belting.de
www.modutech-belting.de