



**MODUTECH<sup>®</sup>**  
Movement Technologies

# Fruit & Vegetable Belts





## We Turn Ideas into Reality

As Modutech, one of the leading companies in the plastic modular belt industry, we continue to grow rapidly. With 2 factories spanning over 15,000 m<sup>2</sup> production area, we offer our customers the advantages of flexible manufacturing, exceptional service, and just-in-time delivery. We carry out all mold manufacturing in-house to ensure complete control over quality and precision.

With the addition of our new Modutech facility, we have doubled our production and stock capacity, all while maintaining the highest product quality.

We continue to expand our product range each day, committed to offering the widest selection in the industry.

We proudly serve the globe, with a presence in more than 80 countries across six continents.

Fuelled by our flexibility, comprehensive pre-sales and after-sales service, and strong focus on product quality, we build long-term collaborations with distributors, OEMs, and industrial companies around the world.

Our dedicated teams work 24/7 in three shifts to respond swiftly to your requests and urgent needs.

Carrying your business forward—today, tomorrow, and always.



# Why Modutech?



## Fresh Belt Solutions for Fruit and Vegetable Industry

With deep expertise in hygienic and efficient conveying, Modutech delivers modular belt solutions tailored for the fruit and vegetable industry. Our solutions ensure gentle product handling to reduce bruising and waste, while maintaining consistent and efficient movement along the processing line. Built from durable, food-safe materials, our belts are easy to clean and maintain, helping processors meet hygiene requirements with less downtime. We provide reliable and effective conveying systems that support the fast-paced needs of today's fresh produce operations.



## Sustainable Operations

We understand that sustainability is important for today's food producers. Our modular belts are designed to use less energy and water while helping reduce waste. With easy-to-maintain designs and long-lasting performance, our belts support greener and more efficient operations. This means less downtime and lower operating costs for processing facilities.



## Durable & Hygienic Design Solutions

Hygiene is a critical factor across all stages of fruit and vegetable handling. Our belts are made from food-safe materials that resist bacterial growth and feature an easy to clean design. They are easy to clean and remain strong after repeated washdowns. With a durable design and simple maintenance, we help production facilities keep their lines clean, safe, and running smoothly.



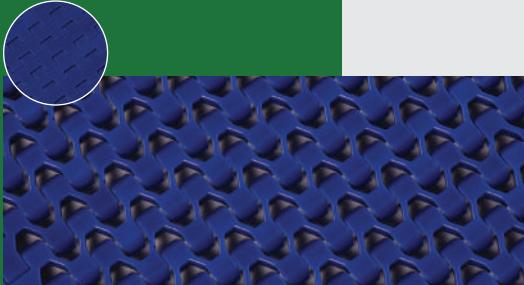
## Optimized Conveyance Systems for Fruits and Vegetables

Modutech modular belts support a wide range of processes in fruit and vegetable handling—from bulk feeding and pre-washing to metal detection and palletizing. Engineered for stability and hygiene, our systems ensure consistent product flow during rinsing, draining, peeling, elevating, inspecting, sorting, filling, freezing, and sterilizing. Whether moving fresh produce through a washer or conveying containers to the packing station, our belts deliver safe, efficient, and uninterrupted operation across every stage of production.



# Task-Oriented Belting Solutions

## 0,5 Inch – 12,7 mm Minipitch Belt Series

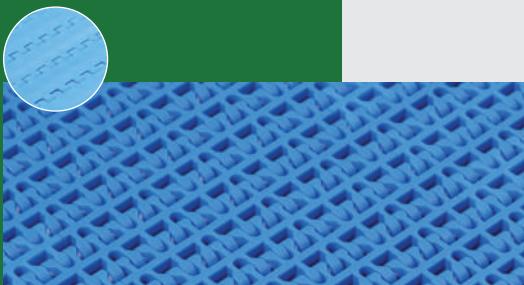


### EC127 FG

Drainage Belt

- Easy to clean design
- Flush grid surface for self cleaning, airflow and drainage
- Suitable for nosebar/knife edge applications
- Close & flat top surface option

## 0,6 Inch – 15,24 mm Minipitch Belt Series



### HC152 FG

Handling Belt

- Strong, lightweight and smooth belt design
- Flush grid surface for self cleaning, airflow and drainage
- Suitable for nosebar/knife edge applications
- Grip top, close & flat top surface options

## 1 Inch – 25,4 mm Modular Belt Series



### EC254 C

Handling and Sorting Belt

- Easy to clean design
- Close & Flat top surface
- Unique sprocket engagement
- Nub top option to minimize product contact



### EC254 PR16

Drainage Belt

- Easy to clean design
- Excellent airflow and drainage for small sized products
- 16% open area
- Quick installation and easy maintenance



### MD254 FG

Cooling-Freezing and Washing Belt

- Strong and thick belt design
- Flush grid surface for airflow and drainage
- Reduced dirt and oxide buildup
- Quick installation and easy maintenance



### MD254 RR

Drainage and Palletizing Belt

- Strong and thick Raised Rib belt design
- Less friction and product contact
- Smooth transfer of cans, jars and bottles with finger plate/comb

## 2 Inch – 50,8 mm Modular Belt Series



### EC508 PR22

Washing Belt

- Strong, thick and easy to clean design
- Excellent drainage and airflow for granular fruits and vegetables
- Quick installation and easy maintenance
- Available with an 11% open area option for extra-tiny products



### EC508 FG

Drainage Belt

- Strong, thick and easy to clean design
- Excellent airflow and drainage for medium and big sized products
- Superior hygiene with flush grid structure
- Quick installation and easy maintenance



### HC508 PR22

Cooling and Washing Belt

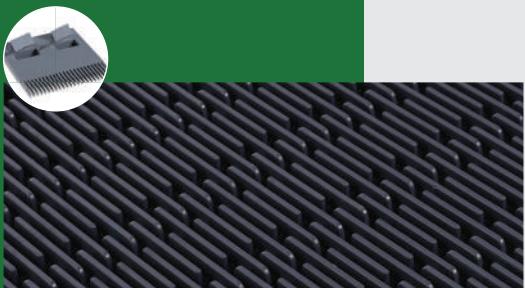
- High cleaning performance with special hinge design
- Excellent airflow and drainage for small and medium sized products
- Quick installation and easy maintenance



### MD508 PR25

Washing Belt

- Strong, thick and easy to clean design
- Excellent airflow and drainage for small and medium sized products
- Quick installation and easy maintenance
- Suitable for pre-washing/rinsing and draining lines



### HP508 RR

Pasteurization Belt

- Raised rib belt with high load capacity
- Self-cleaning surface reduces dirt and oxide formation
- Durable heat-resistant material for pasteurizing
- Smooth transfer of cans, jars and other pasteurized items with finger plate/comb

## Sideflexing/Radius Modular Belts



### EC254 TR

Sideflexing Belt – 1 inch / 26 mm pitch

- Strong and thick belt design
- Radius and straight product transport
- Cooling, drying and freezing applications
- Efficient container conveying
- Ideal for applications with limited space

# Applications Table

Belt Code		Surface Type	Fruits and Vegetables Processing												
			Bulk feeding	Prewashing / Rinsing	Washer	Draining	Peeling	Elevator	Control / Sorting table	Filling	Freezing lines	Palletizing / depalletizing	Container conveyance	Sterilization conveyance	Metal detector
<b>0.5 inch – 12,7 mm Modular Belt Series</b>															
EC127 C	Flat Top								PP POM						PE
EC127 FG	Flush Grid				PP POM								PP	PE	
MD127 GAP50	Flush Grid				POM										
<b>0.6 inch – 15,24 mm Modular Belt Series</b>															
HC152 C	Flat Top								PP POM						
HC152 FG	Flush Grid				PP POM		PP POM								
HC152 FG-GT	Grip Top						PP					PP			
<b>1 inch – 25,4 mm Modular Belt Series</b>															
EC254 C	Flat Top	PP POM						PP POM	PE PP					PE	
EC254 PR16	Perforated Flat Top		PE PP		PE PP	PP	PE PP								
EC254 NT	Nub Top						PE PP								
MD254 FG	Flush Grid		PP	PP	PP					PE PP	PP POM	PP POM		PE	
MD254 C	Flat Top										PP POM	PP POM			
MD254 RR	Raised Rib										PP POM				
MD254 GT	Grip Top											PP			
<b>2 inch – 50,8 mm Modular Belt Series</b>															
EC508 C	Flat Top	PP POM						PE PP	PE PP	PP POM					
EC508 FG	Flush Grid		PE PP	PE PP	PE PP	PP	PP POM		PP POM		PP POM	PP POM	PP		
EC508 NT	Nub Top	PE PP													
EC508 FG-NT	Flush Grid Nub Top	PE PP		PE PP	PE PP										
EC508 PR11	Perforated Flat Top		PE PP		PE PP	PP	PE PP								
EC508 PR13	Perforated Flat Top		PE PP		PE PP	PP	PE PP								
EC508 PR22	Perforated Flat Top		PE PP		PE PP	PP	PE PP								
HC508 C	Flat Top	PP POM					PE PP	PE PP	PE PP						
HC508 PR22	Perforated Flat Top		PE PP		PE PP	PP	PE PP								
MD508 PR25	Perforated Flat Top		PP		PP	PP									
MD508 FG	Flush Grid			PP POM	PE PP	PP					PP POM	PP POM	PP		
HP508 RR	Raised Rib										PPH		PPH		
<b>Sideflexing/Radius Modular Belt Series</b>															
EC254 R	Flush Grid											PP POM			
EC254 R-GT	Grip Top						PP					PP			
EC254 TR	Flush Grid											PP POM			
EC381R	Flush Grid											PP POM			
EC508 R	Flush Grid											PP POM			
EC508 TR	Flush Grid											PP POM			

## Materials:

PP: Polypropylene, POM: Polyoxyethylene, PE: Polyethylene, PPH: Hot Water Resistant

The provided selection tables highlight standard belt types and materials as general recommendations. Depending on specific application requirements, other belt types or materials may be more appropriate. For special applications, please contact with Modutech representatives.

Proud Member of



# Full Compliance with Global Food Safety Standards

Modutech food conveyor and processing belts are meticulously engineered to meet the stringent food safety and plastic regulations, such as FDA, USDA, EC 1935/2004 and EU No.10/2011.

We offer you the right design, color and material that supporting your ISO 22000 requirements (previously HACCP).



## Highest Quality

Modutech is certified according to ISO 9001:2015, ISO 14000:2015 and ISO 45001:2018.

We do everything to ensure full compliance with international standards and earning your trust every step of the way.



## Expert Service

Our global network stands ready to support you, wherever you are. Need engineering advice, a quote, or help with an order? We've got you covered!



(Regulation EU/10 /2011) OIC/SMIIC 1:2019



## **MANİSA Headquarters**

### **Factory 1**

Selvili tepe OSB Mah.  
1872 Cad. No:13  
Turgutlu / Manisa - TURKEY

### **Factory 2**

Selvili tepe OSB Mah.  
2008 Cad. No:1  
Turgutlu / Manisa - TURKEY

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