

PRODUCT SPEC SHEET

Dyno 5mm Micro Pitch Modular Belt



Dyno Conveyors | www.dynoconveyors.com | enquiry@dyno.co.nz

**5mm Micro Pitch
Modular Belt**

Dyno 5mm Micro Pitch Modular Belt



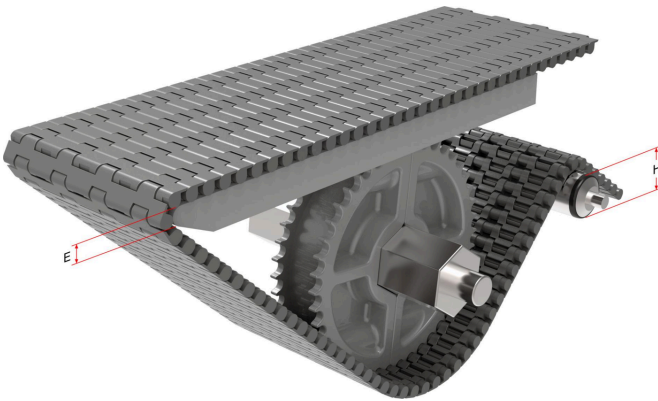
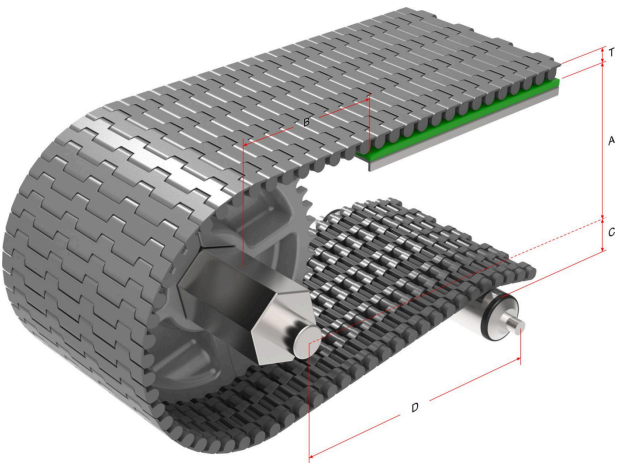
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General Features

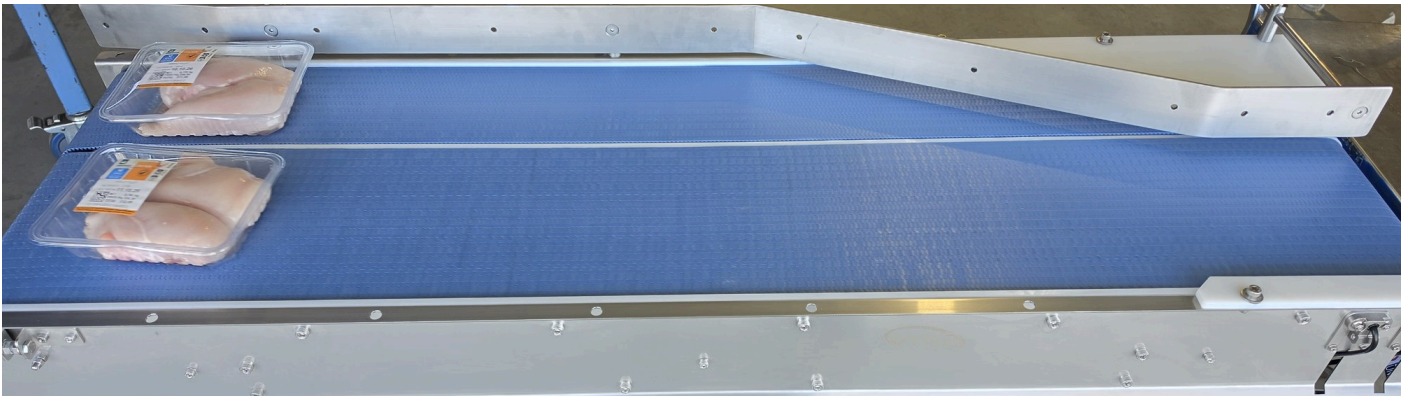
- Pitch **5.0 mm**
- Minimum belt width **60 mm**
- **0% open area**
- **FDA approved**
- **Acetal** belt material
- Belt strength **250 kg/m** of belt width (2,500 N/m)
- Operating temperature **-40 °C to 80 °C**
- Belt weight **3.8 kg/m²**
- Available in **grey or blue**
- **Clip together, no joiners required**
- **Straight running**; no rods, flights or side guards



Dimensions



Conveyor frame dimensions	Teeth	A (min.)	B (min.)	C (max.)	D (min.)	E (min.)	H (min.)	T
Unit: mm	44	34	46	36	50	Ø 10	Ø 20	4



Specifications

BELT MATERIAL	BELT STRENGTH (STRAIGHT)		BELT STRENGTH (CURVE)	TEMPERATURE		BELT WEIGHT
	Kg/m (BW)	N/m (BW)		Min. [°C]	Max. [°C]	
Acetal (POM)	250	2500	--	-40	80	3.8 kg/m ²

BW – belt width

Stocked Items

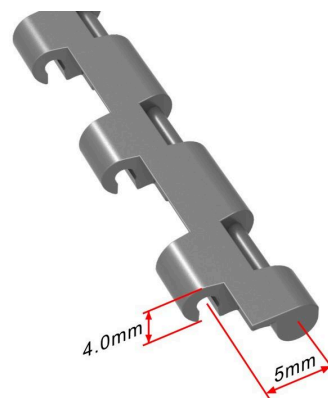
The following items are stocked. Other items can be supplied as required.

CODE	DESCRIPTION
133-5MPMB-165-BP	5mm Micro Pitch Modular Belt, 165mm Wide, Light Blue POM
133-5MPMB-255-BP	5mm Micro Pitch Modular Belt, 255mm Wide, Light Blue POM

Clip together, no joiners required. Sold per m.

Belt Profile

ITEM	5mm Micro Pitch
Pitch	5.0 mm
Minimum width	60 mm
Open area	0%
Approved	FDA
Rod	None
Flight	No
Side guard	No
Curve	No



Colour Availability

Acetal	W	G	N	DB	B
Available		●			●

W – white, G – grey, N – nature, DB – dark brown, B – blue

Friction Coefficients

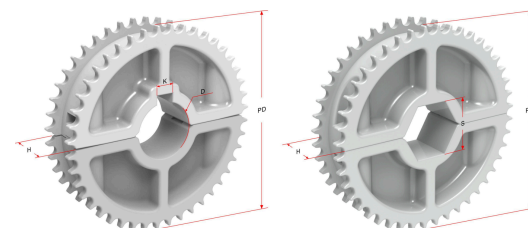
BELT MATERIAL	FRICTION – WEAR STRIPS & PRODUCTS							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminium
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19	0.27

SUS – stainless steel

Sprocket Dimensions

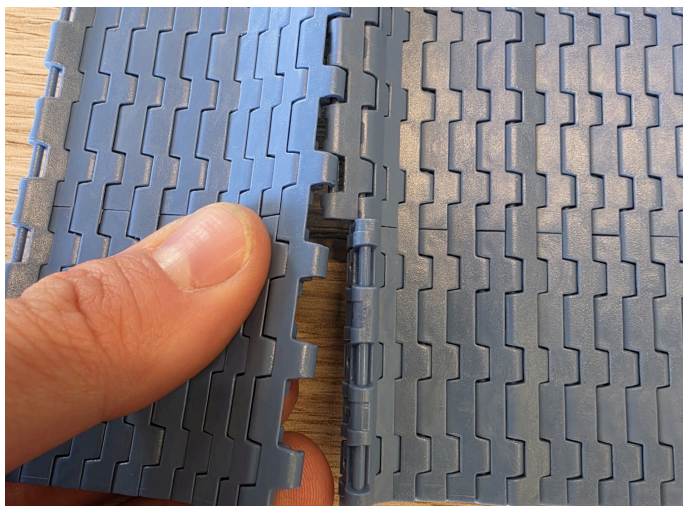
Teeth	PD	OD	S	D	H	K
44 split	70.09	72	19	20	17.5	6 × 6

Unit: mm



- For belt colour options, please consult Dyno sales
- Technical data is for reference only

Belt Construction Images

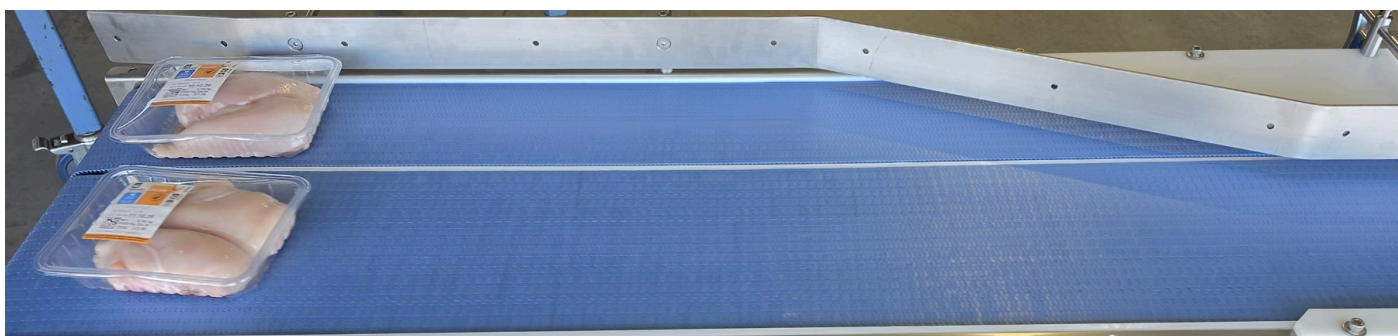
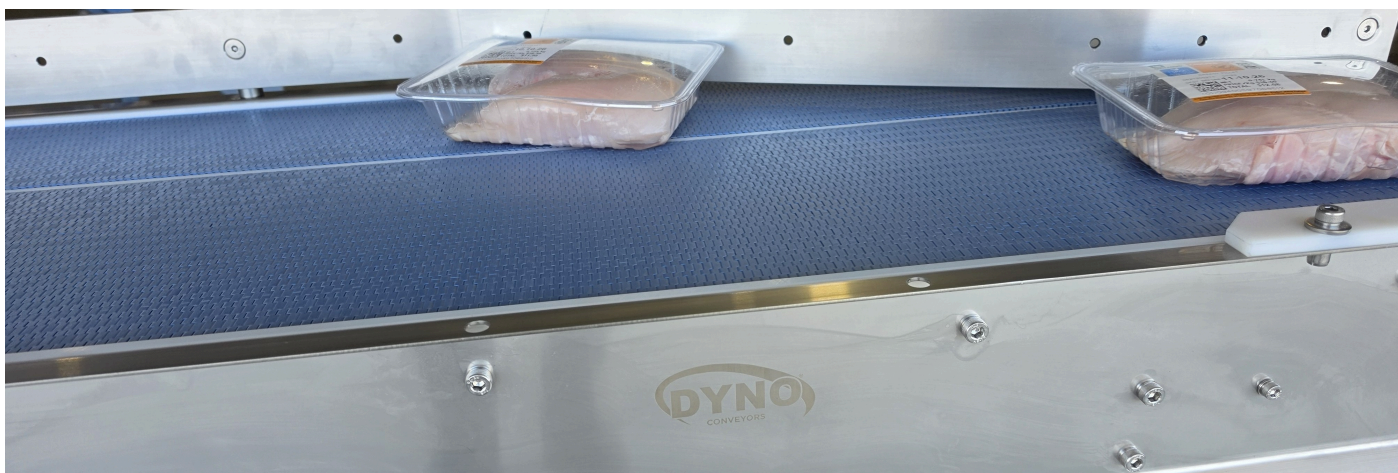


Joining and unzipping belt sections. Clip together, no joiners required.



Belt underside

In Service Images





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