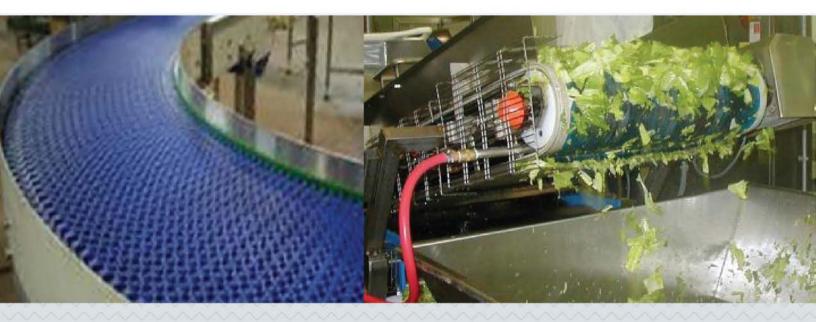


### **PLASTIC MODULAR BELTS**

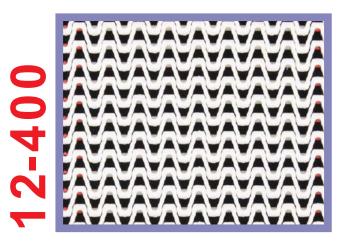


Maine Industrial Corp. 21 Teague Street PO Box 381 Newcastle, ME 04553 **QUESTIONS + ORDERS** 

800-540-1846

MINFO@MIPRCORP.COM





# → Belt surface: Open belt with a smooth surface. → Open area: 40% Biggest opening 6x8 mm. → Strength: Ideal choice for light transportation. → Material: PE, PP, POM.

Application:

Cooling belt for small nose bar/transfer.



### HUB SPECIFICATION

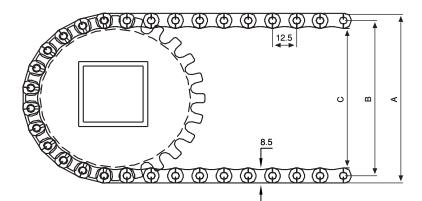
	Number of teeth				
	10Z	19Z	24Z	28Z	
Round bore (mm)	20ø	20ø 25ø 30ø	20ø 25ø	25ø 30ø 40ø	
Square bore (mm)		25x25 40x40	25x25 40x40	25x25 40x40	

#### **BELT DATA**

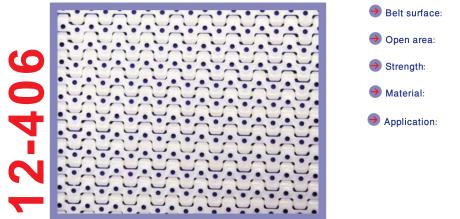
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	600	3.5
Polypropylene (PP)	800	3.5
Polyacetal (POM)	1450	4.8

### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
10	50	42	33	8
19	84	76	67	12
24	104	96	87	12
28	120	112	103	12







		Number of	teeth	Number of teeth				
	10Z	19Z	24Z	28Z				
Round bore (mm)	20ø	20ø 25ø 30ø	20ø 25ø	25ø 30ø 40ø				
Square bore (mm)		25x25 40x40	25x25 40x40	25x25 40x40				

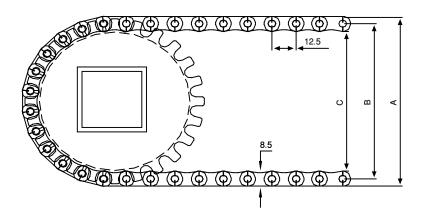
bore available in inch size

### BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m
Polyethylene (PE)	600	4.5
Polypropylene (PP)	800	4.5
Polyacetal (POM)	1450	6

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
10	50	42	33	8
19	84	76	67	12
24	104	96	87	12
28	120	112	103	12



Belt surface: Open belt with a smooth surface.
 Open area: 8%. Biggest opening 4x2.5 mm

- igth: Ideal choice for light transportation.
  - PE, PP, POM.
    - Cooling belt for small nose bar/transfer.





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### **Plastic Modular Belting**



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11	11	11	11	15	11	15	15	11
ir	11	15	11	1.1	1	15	15	11
	ir	15	15	11	11	11	U	11
is	ir	15	15	15	15	15	15	
7 1	1 1				0		0	0

→ Belt surface:	Close belt with a smooth surface.
➔ Open area:	0%
Strength:	Ideal choice for light transportation.
➔ Material:	PE, PP, POM.
Applidation:	Cooling belt for small nose bar/transfer.



	Number of teeth				
	10Z	19Z	24Z	28Z	
Round bore (mm)	20ø	20ø 25ø 30ø	20ø 25ø	25ø 30ø 40ø	
Square bore (mm)			25x25 40x40	25x25 40x40	

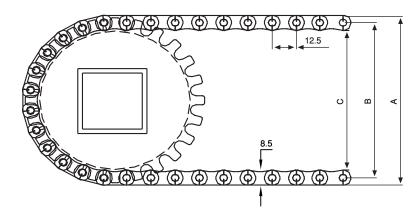
bore available in inch size

#### BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m²
Polyethylene (PE)	600	4.5
Polypropylene (PP)	800	4.5
Polyacetal (POM)	1450	6

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
10	50	42	33	8
19	84	76	67	12
24	104	96	87	12
28	120	112	103	12









Flat top with friction surface

#### HUB SPECIFICATION

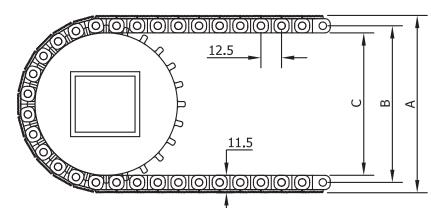
	Number of teeth				
	10Z	19Z	24Z	28Z	
Round bore (mm)	20ø	20ø 25ø 30ø 40ø	20ø 25ø 30ø 40ø	20ø 25ø 30ø 40ø	
Square bore (mm) bore available in	inch size		25x25 40x40	25x25 40x40	

#### BELT DATA

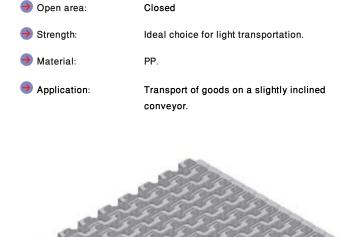
Materials	Max. belt pull kg/m of width	Belt weight kg/m²
Polypropylene (PP)	800	4.5

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
10	50	42	33	8
19	84	76	67	12
24	104	96	87	12
28	120	112	103	12



Maine Industrial Plastics and Rubber Corporation 21 Teague Street - PO Box 381 - Newcastle, ME 04553 Phone: (207) 563-5532 Email: HGL@TIDEWATER.NET FAX: (207) 563-8457

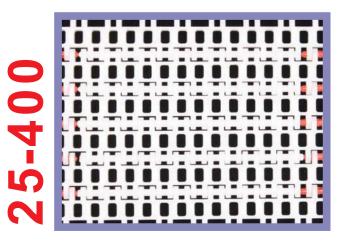


Belt surface:



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### **Plastic Modular Belting**



Belt surface:	Open belt with a smooth surface.
🔿 Open area:	29%. Biggest opening 6 x 10 mm.
Strength:	Ideal for medium weight transportation.
🔿 Material:	PE, PP, POM.
Accessories:	25 and 50 mm flights. 25 and 50 mm sideguards.
Application:	Seafood, red meat, vegetables, bakery and food industry in general.

Even cooling/freezing and washing.

HUB SPECIFICATION

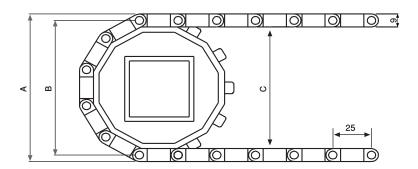
		Number of	teeth	
	6Z	8Z	12Z	20Z
Round	20ø	20ø	20ø	
bore (mm)		25ø	25ø	25ø
			30ø	30ø
			40ø	40ø
Hexagon bore (mm)	24x24x24			
Square		25x25	25x25	38.1x38.1
bore (mm)			38.1x38.1	40x40
			40x40	60×60
bore available ir	inch size			

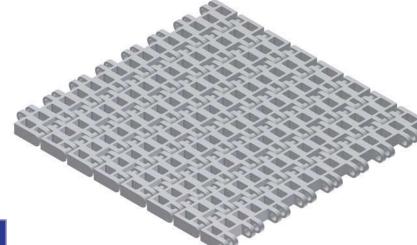
#### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	630	5
Polypropylene (PP)	1060	5
Polyacetal (POM)	1500	7

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	54	45	36	18
8	70	61	52	18
12	104	95	86	18
20	169	160	151	25







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Belt surface:	Friction surface.
➔ Open area:	29%. Biggest opening 6 x 10 mm.
Strength:	Ideal for medium weight transportation.
Haterial:	PP.
Accessories:	25 and 50 mm flights. 25 and 50 mm sideguards.
Application:	Transport of packed goods on a slightly inclined conveyor.

FRICTION MODULES

### HUB SPECIFICATION

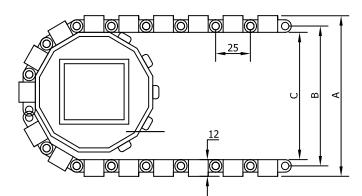
	Number of teeth				
	6Z	8Z	12Z	20Z	
Round	20ø	20ø	20ø		
bore (mm)		25ø	25ø	25ø	
			30ø	30ø	
			40ø	40ø	
Hexagon bore (mm)	24x24x24				
Square		25x25	25x25	25x25	
bore (mm)			40x40	40x40	
				60x60	
bore available ir	n inch size				

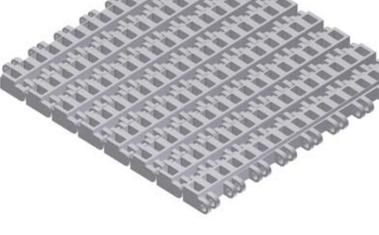
#### BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m²
Polypropylene (PP)	1500	7

### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	54	45	36	18
8	70	61	52	18
12	104	95	86	18
20	169	160	151	25







### **Plastic Modular Belting**

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# Self surface:Flat top.Open area:Closed.Strength:Strongest belt in the 25 series.<br/>Ideal for medium weight transportation.Material:PE, PP, POM.Accessories:25 and 50 mm flights.<br/>25 and 50 mm side guards.Application:Transport of small products.

### HUB SPECIFICATION

	Number of teeth							
	6Z	8Z	12Z	20Z				
Round	20ø	20ø						
bore (mm)		25ø	25ø	25ø				
			30ø	30ø				
			40ø	40ø				
Hexagon bore (mm)	24x24x24							
Square		25x25	25x25	38.1x38.1				
bore (mm)			38.1x38.1	40x40				
			40x40	60×60				

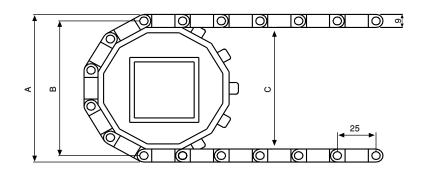
#### bore available in inch size

#### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	900	6
Polypropylene (PP)	1250	6
Polyacetal (POM)	2400	8.5

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	
6	54	45	36	18
8	70	61	52	18
12	104	95	86	18
20	169	160	151	25



### **Plastic Modular Belting**



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→ Belt surface:	Raised ribs - drained - for the use of
	finger transferplates.
Open area:	14%. Biggest opening 10 x 2 mm.
Strength:	Ideal for medium weight transportation.
➔ Material:	POM, PP.
Accessories:	Finger transfer plates.
Application:	Transportation of small products, such as
	bottles, pasteurizer, cooler.

#### HUB SPECIFICATION

	Number of teeth							
	6Z	8Z	12Z	20Z				
Round	20ø	20ø						
bore (mm)		25ø	25ø	25ø				
			30ø	30ø				
			40ø	40ø				
Hexagon bore (mm)	24x24x2	4						
Square		25x25	25x25	38.1x38.1				
bore (mm)			38.1x38.1	40x40				
			40x40	60×60				

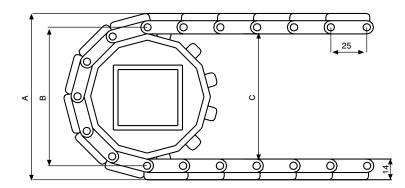
### bore available in inch size

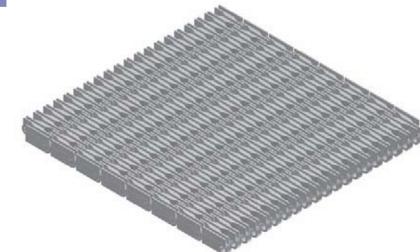
#### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	1200	8
Polyacetal (POM)	2400	11

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	64	45	36	18
8	80	61	52	18
12	114	95	86	18
20	179	160	151	25







### Plastic Modular Belting



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	➔ Belt surface:	Flat top.
1	🔿 Open area:	Closed.
	→ Strength:	An ideal choice for light transportation.
	➔ Material:	PE, PP, POM.
	Accessories:	25 and 50 mm flights. 25 and 50 mm side guards.
		Friction modules.
	Application:	Red meat, vegetables, seafood, fruit, snacks and bakeries.

### HUB SPECIFICATION

	Number of teeth					
	6Z	12Z	20Z			
Round	20ø	20ø				
bore (mm)		25ø	25ø			
		30ø	30ø			
		40ø	40ø			
Square		40x40	40x40			
bore (mm)			60×60			

EASY TO CLEAN

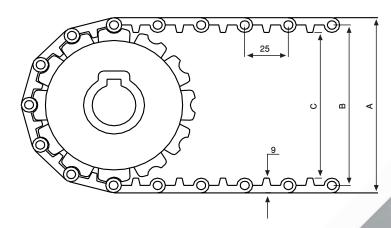
bore available in inch size

#### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m²
Polyethylene (PE)	550	5
Polypropylene (PP)	650	5
Polyacetal (POM)	1050	7.5

### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	59	50	41	20
12	106	97	88	38
20	170	161	152	38



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### Plastic Modular Belting

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### HUB SPECIFICATION

	Numt	per of teeth	
	6Z	12Z	20Z
Round	20ø	20ø	
bore (mm)		25ø	25ø
		30ø	30ø
		40ø	40ø
Square		40x40	40x40
bore (mm)			60x60

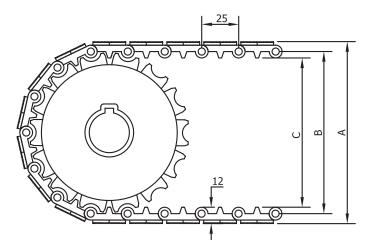
bore available in inch size

#### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m²
Polyethylene (PE)	550	5
Polypropylene (PP)	650	5

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	59	50	41	20
12	106	97	88	38
20	170	161	152	38



- Belt surface:
- Open area:
- Strength:
- Material:
- Application:
- Closed belt with a 3mm friction surface.
- Closed.
- An ideal choice for light transportation.
- PE, PP.
  - Transport of goods on a slightly inclined conveyor.





### **Plastic Modular Belting**

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Belt surface:	Perforated flat top.
Open area:	17%. Biggest opening 2 x 5 mm.
Strength:	An ideal choice for light transportation.
Haterial:	PE, PP, POM.
Accessories:	25 and 50 mm flights. 25 and 50 mm side guards.
Application:	Friction moduls Seafood, dairy, vegetables, poultry, snacks, sweet goods

### HUB SPECIFICATION

	Numi	per of teeth	
	6Z	20Z	
Round	20ø	20ø	
bore (mm)		25ø	
		30ø	30ø
		35ø	
		40ø	40ø
Square		38.1x38.1	
bore (mm)		40x40	40x40

### bore available in inch size

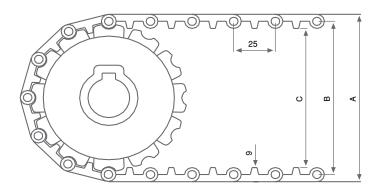
### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	550	5.5
Polypropylene (PP)	650	5.5
Polyacetal (POM)	1050	8

### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	59	50	41	20
12	106	97	88	38
20	170	161	152	38

#### ASY TO CLEAN











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13		3		3		3		3		2		30		1		1
200	3		3		3		3		3.		3		3		3	
0		3		3		3		3		3		3		3		3
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3		3		3		2		5		21		31		3		1
20	20		2		20		3		3		1.5		2		1	
	1															

$\rightarrow$	Belt surface:	Structure top with 3 mm cones.
<b>&gt;</b>	Open area:	Closed.
→	Strength:	An ideal choice for light transportation.
$\rightarrow$	Material:	PE, PP, POM.
<b>&gt;</b>	Accessories:	25 and 50 mm flights. 25 and 50 mm side guards.
		Modules can be supplied with a moulded
-		indent of 40 mm.
$\rightarrow$	Application:	Seafood, red meat, vegetables etc.

#### HUB SPECIFICATION

	Number of teeth			
	6Z	12Z	20Z	
Round	20ø	20ø		
bore (mm)		25ø	25ø	
		30ø	30ø	
		40ø	40ø	
Square		40x40	40x40	
bore (mm)			60x60	
bore available in	inch size			

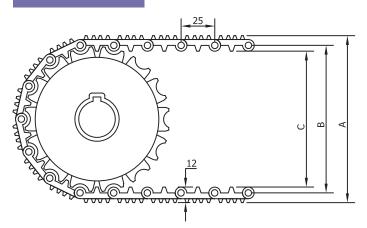
### BELT DATA

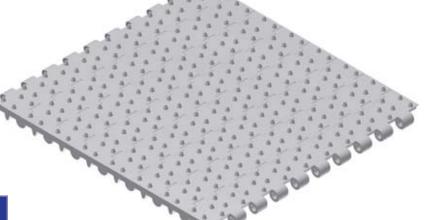
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	550	5.5
Polypropylene (PP)	650	5.5
Polyacetal (POM)	1050	8

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	59	50	41	20
12	106	97	88	38
20	170	161	152	38

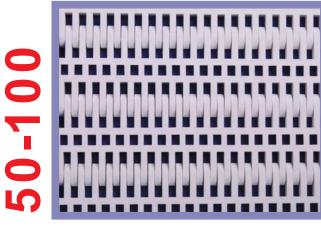
#### EASY TO CLEAN











🔿 Belt surface:	Open belt with a smooth surface.
Open area:	27%. Biggest opening 5 x 9 mm.
Strength:	The right belt for heavy applications.
➔ Material:	PE, PP, POM.
Accessories:	25, 50, 75 and 100 mm flights. Extended and bent flights. 50, 75, 100 and 150 mm side guards. Hold-down.
Application:	Seafood, wood, bakery, meat, vegetables, poultry and heavy duty transportation in general.

HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round	25ø	25ø		
bore (mm)	30ø	30ø	30ø	30ø
	40ø	40ø	40ø	40ø
			50ø	50ø
Square	38.1x38.1	38.1x38.1	38.1x38.1	
bore (mm)	40x40	40x40	40x40	40x40
				60×60

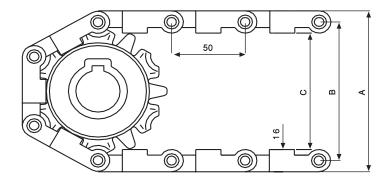
bore available in inch size

#### **BELT DATA**

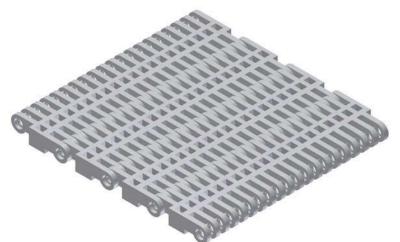
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1840	8
Polypropylene (PP)	2795	8
Polyacetal (POM)	4200	12

#### SPROCKET DATA

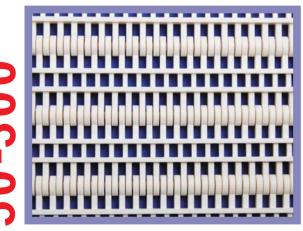
No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39







### Plastic Modular Belting



➔ Belt surface:	Open belt with a smooth surface.
➔ Open area:	27%. Biggest opening 5 x 9 mm.
Strength:	The right belt for heavy applications.
➔ Material:	PE, PP, POM.
Accessories:	25, 50, 75 and 100 mm flights. Extended and bent flights. 50, 75, 100 and 150 mm side guards.
Application:	Seafood, wood, bakery, meat, vegetables, poultry and heavy duty transportation in general.

### HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	25ø 30ø 40ø	25ø 30ø 40ø	30ø 40ø	30ø 40ø 50ø
Square bore (mm)	38.1x38.1 40x40	38.1x38.1 40x40	38.1x38.1 40x40	40x40 60x60

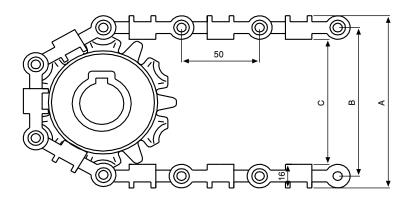
bore available in inch size

#### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m²
Polyethylene (PE)	1740	7
Polypropylene (PP)	2300	7
Polyacetal (POM)	3450	10

### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39





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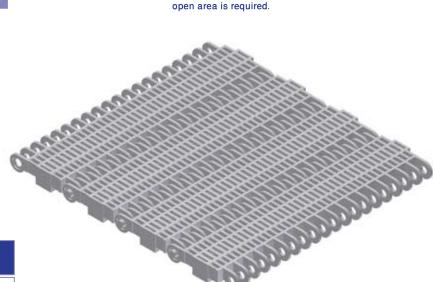
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## Belt surface: Open belt with a smooth surface. Open area: 61%. Biggest opening 5 x 11 mm. Strength: The right belt for medium-heavy transportation. Material/colour: PE, PP. POM. Accessories: 25, 50 and 75 mm flights. 50, 75, 100 and 150 mm side guards. Application: Cooling/freezing belts in the seafood, bakery, vegetable and meat industries and other areas

where large air-flow combined with a small

#### HUB SPECIFICATION

	Number of teeth									
	6Z	8Z	10Z	12Z						
Round bore (mm)	25ø 30ø 40ø	25ø 30ø 40ø	30ø 40ø	30ø 40ø 50ø						
Square bore (mm)	38.1x38.1 40x40	38.1x38.1 40x40	38.1x38.1 40x40 60x60	40x40 60x60						



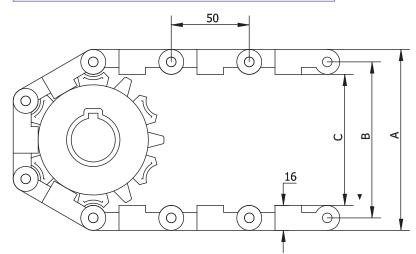
bore available in inch size

### BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1640	6
Polypropylene (PP)	2160	6
Polyacetal (POM)	3240	8

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39





### **Plastic Modular Belting**



### HUB SPECIFICATION

	6Z	8Z	10Z	12Z
Round bore (mm)	25ø 30ø 40ø	25ø 30ø 40ø	30ø 40ø	30ø 40ø 50ø
Square bore (mm)	38.1x38.1 40x40	38.1x38.1 40x40	38.1x38.1 40x40 60x60	40x40 60x60

### bore available in inch size

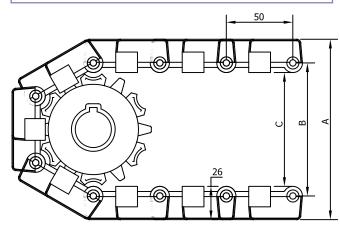
Materials	Max. belt pull

Materials	kg/m of width	kg/m ²
Polypropylene (PP)	2800	8
Polyacetal (POM)	4200	11

Belt weight

### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39

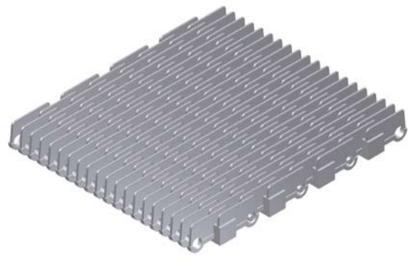


- Belt surface: Raised Ribs.
- Open area: 25%.

Accessories:

Application:

- Strength: The right belt for heavy transportation.
- Material/colour: PP, POM
  - 50 finger plates.
    - Cooling/freezing belts in the seafood, bakery,
    - vegetable and meat industries, pasterizors.







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Belt surface:	Open mesh.
Open area:	9%. Biggest opening 1 x 6 mm
Strength:	The right belt for medium-heavy transportation.
➔ Material/colour:	PE, PP, POM.
Accessories:	25, 50 and 75 mm flights. 50, 75, 100 and 150 mm side guards.
Application:	Dairy, vegetables, poultry, snacks, sweet goods
	and other industries that handle products requiring
	drainage and very small openings.

#### HUB SPECIFICATION

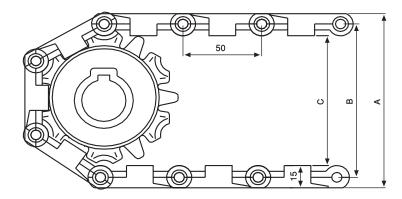
	Number of teeth								
	6Z	8Z	10Z	12Z					
Round	25ø	25ø							
bore (mm)	30ø	30ø	30ø	30ø					
	40ø	40ø	40ø	40ø					
				50ø					
Square	38.1x38.1	38.1x38.1	38.1x38.1						
bore (mm)	40x40	40x40	40x40	40x40					
			60x60	60x60					
bore available ir	n inch size								

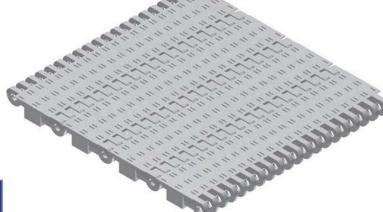
#### BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1790	7
Polypropylene (PP)	2400	7
Polyacetal (POM)	3600	11

#### SPROCKET DATA

(mm)	(mm)
85	30
117	36
148	39
179	39
	117 148







### **Plastic Modular Belting**



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### HUB SPECIFICATION

	Number of teeth					
	6Z	8Z	10Z	12Z		
Round bore (mm)	25ø 30ø 40ø	25ø 30ø 40ø	30ø 40ø	30ø 40ø 50ø		
Square bore (mm)	38.1x38.1 40x40	38.1x38.1 40x40	38.1x38.1 40x40 60x60	40x40 60x60		

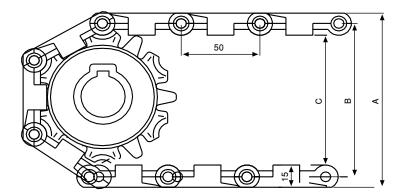
#### bore available in inch size

### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1790	7
Polypropylene (PP)	2400	7
Polyacetal (POM)	3600	11

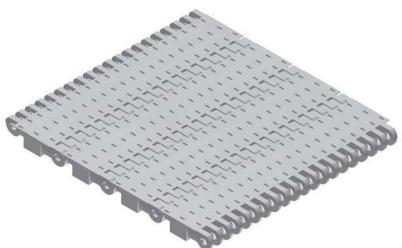
### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39



→ Belt surface:	Perforated flat top.
🔿 Open area:	10%. Biggest opening 3 x 6 mm
Strength:	The right belt for medium-heavy transportation.
➔ Material:	PE, PP, POM.
Accessories:	25, 50 and 75 mm flights. Hold-down. 50, 75, 100
	and 150 mm side guards.
Application:	Dairy, vegetables, poultry, snacks, sweet goods
	and other industries that handle products requiring

drainage and small openings.





### Plastic Modular Belting

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🔿 Belt surface:	Flat top.
🔿 Open area:	Closed.
Strength:	The right belt for medium-heavy transportation.
➔ Material/colour:	PE, PP, POM.
Accessories:	25, 50, 75 and 100 mm high flights. 50, 75, 100 and 150 mm side guards.
Application:	Dairy, vegetables, poultry, snack food, sweet goods and other industries that handle small products.

#### HUB SPECIFICATION

	Number of teeth				
	6Z	8Z	10Z	12Z	
Round bore (mm)	25ø 30ø 40ø	25ø 30ø 40ø	30ø 40ø	30ø 40ø 50ø	
Square bore (mm)	38.1x38.1 40x40	38.1x38.1 40x40	38.1x38.1 40x40 60x60	40x40 60x60	

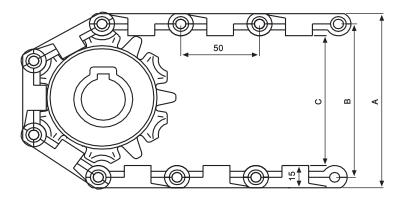
bore available in inch size

### BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1790	7
Polypropylene (PP)	2400	7
Polyacetal (POM)	3600	11

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39





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### Plastic Modular Belting

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→ Belt surface:	Flat top.
➔ Open area:	Closed.
Strength:	The right belt for medium-heavy transportation.
➔ Material/colour:	PE, PP.
Accessories:	25, 50, 75 and 100 mm high flights. 50, 75, 100 and 150 mm side guards.
Application:	Inclined conveyor.

### HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	25ø 30ø 40ø	25ø 30ø 40ø	30ø 40ø	30ø 40ø 50ø
Square bore (mm)	38.1x38.1 40x40	38.1x38.1 40x40	38.1x38.1 40x40 60x60	40x40 60x60

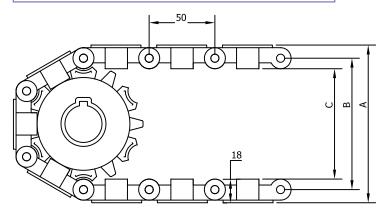
bore available in inch size

#### **BELT DATA**

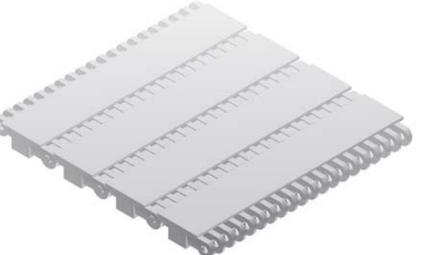
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1790	7
Polypropylene (PP)	2400	7

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	117	101	85	30
8	149	133	117	36
10	180	164	148	39
12	211	195	179	39







### Plastic Modular Belting

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### HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round bore (mm)	20ø 25ø 30ø 40ø	25ø 30ø 40ø	25ø 30ø 40ø	25ø 30ø 40ø 50ø 60ø
Square bore (mm)	25x25 40x40	25x25 40x40	25x25 40x40 60x60	25x25 40x40 60x60

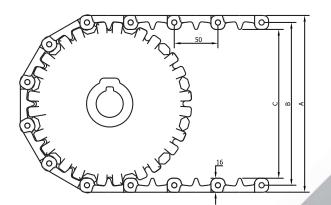
### bore available in inch size

#### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

#### SPROCKET DATA

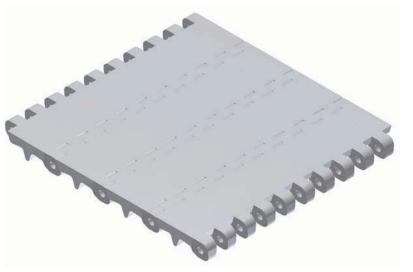
No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	108	89	73	20
8	142	122	106	35
10	176	156	140	35
12	209	189	173	35



➔ Belt surface:	Flat top.
Open area:	Closed.
Strength:	The right belt for medium-heavy transportation.
➔ Material:	PE, PP, POM.
Accessories:	25, 50, 75 and 100 mm high flights. 50, 75 and 100 mm side guards.

Application:

Dairy, vegetables, poultry, snack food, sweet goods and other industries that handle small products.





### **Plastic Modular Belting**

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→ Belt surface:	Open belt with a smooth surface.
➔ Open area:	20%. Biggest opening 2.5*11 mm.
Strength:	The right belt for medium-heavy transportation.
→ Material:	PE, PP, POM.
Accessories:	25, 50, 75 and 100 mm flights. 70 and 150 mm supported flights. 50, 75 and 100 mm side guards.
Application:	Medium-heavy duty transportation, Dairy, Vegetables, poultry, snacks, sweet goods and other industries that handle products requiring

drainage and small opening.

### HUB SPECIFICATION

	Number of teeth			
	6Z	8Z	10Z	12Z
Round	20ø			
bore (mm)	25ø	25ø	25ø	25ø
	30ø	30ø	30ø	30ø
	40ø	40ø	40ø	40ø
				50ø
				60ø
Square	25x25	25x25	25x25	25x25
bore (mm)	40x40	40x40	40x40	40x40
			60x60	60x60

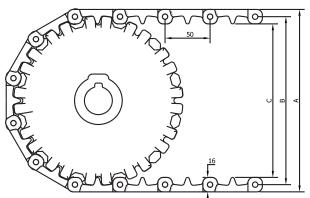
bore available in inch size

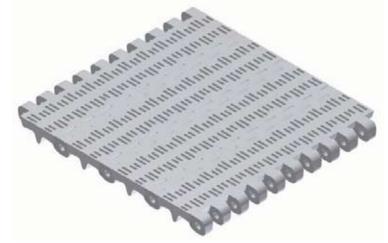
### BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	108	89	73	20
8	142	122	106	35
10	176	156	140	35
12	209	189	173	35







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Belt surface:	Structure top with 3 mm cones.
🔿 Open area:	Closed.
Strength:	The right belt for medium-heavy transportation.
🔿 Material:	PE, PP, POM.
Accessories:	25, 50, 75 and 100 mm flights. 70 and 150 mm supported flights. Scoop and bent flights. 50, 75, 100 and 150 mm side guards. Hold-down. Flights fitted with a round top.
Application:	Seafood, red meat, vegetable etc.

### HUB SPECIFICATION

	Number of teeth					
	6Z	8Z	10Z	12Z		
Round bore (mm)	20ø 25ø 30ø 40ø	25ø 30ø 40ø	25ø 30ø 40ø	25ø 30ø 40ø 50ø 60ø		
Square bore (mm)	25x25 40x40	25x25 40x40	25x25 40x40 60x60	25x25 40x40 60x60		

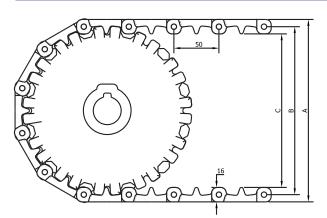
bore available in inch size

### BELT DATA

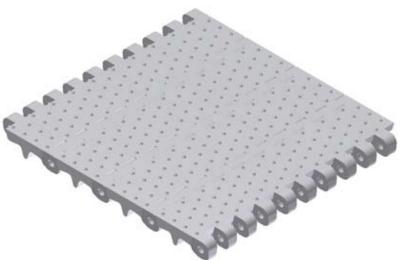
Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	108	89	73	19
8	142	122	106	39
10	176	156	140	39
12	209	189	173	39











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🔿 Belt surface:	Structure top with 3 mm cones.
Open area:	Closed.
Strength:	The right belt for medium-heavy transportation.
🔿 Material:	PE, PP, POM.
Accessories:	25, 50, 75 and 100mm flights. 70 and 150mm supported flights. Scoop and bent flights. 50, 75, 100 and 150mm side guards. Hold-down. Flights fitted with a round top.
Application:	Seafood, red meat, vegetable etc.

### HUB SPECIFICATION

	Number of teeth					
	6Z	8Z	10Z	12Z		
Round bore (mm)	20ø 25ø	25ø	25ø	25ø		
,	30ø	30ø	30ø	30ø		
	40ø	40ø	40ø	40ø		
				50ø 60ø		
Square	25x25	25x25	25x25	25x25		
bore (mm)	40x40	40x40	40x40	40x40		
			60×60	60x60		

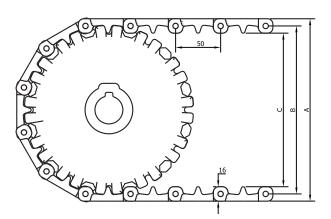
bore available in inch size

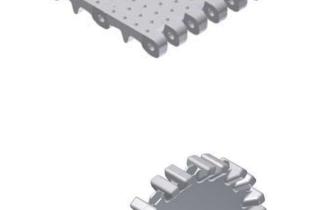
#### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polyethylene (PE)	1200	8
Polypropylene (PP)	1400	8
Polyacetal (POM)	2060	12

#### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
6	108	89	73	20
8	142	122	106	35
10	176	156	140	35
12	209	189	173	35





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### Plastic Modular Belting

Belt surface:	Perforated flat top.
\varTheta Open area:	13 %. Biggest opening 7 x 11 mm.
Strength:	The right belt for very heavy applications.
Haterial:	PP, POM.
Accessories:	75 mm flight.
Application:	Very heavy transportation. Assembling belt for cars.

Truck loading systems.

### HUB SPECIFICATION

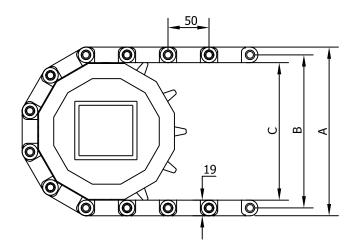
Number of teeth 12Z
60ø 80ø 90ø
40x40 60x60 inch size

BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m²
Polypropylene (PP)	6000	13
Polyacetal (POM)		16

### SPROCKET DATA

No. of	A=Outside	B=Pitch	C=Inside	Sprocket
teeth	diameter	diameter	diameter	width
Z	(mm)	(mm)	(mm)	(mm)
12	210	191	175	38



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### Plastic Modular Belting

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-90	mmmm
50	mmm

🔿 Belt surface:	Flat top.
\varTheta Open area:	Closed
Strength:	The right belt for very-heavy applications.
➔ Material/colour:	POM, PP.
Accessories:	75 mm flight.
Application:	Very heavy transportation.
	Assembling belt for cars.
	Truck loading systems.

Pollets.

HUB SPECIFICATION

	Number of teeth 12Z
Square	40x40
bore (mm)	60x60

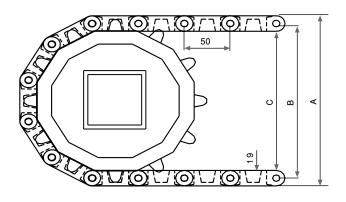
bore available in inch size

### BELT DATA

Materials	Max. belt pull kg/m of width	Belt weight kg/m ²
Polypropylene (PP)	6000	14
Polyacetal (POM)	0000	17

### SPROCKET DATA

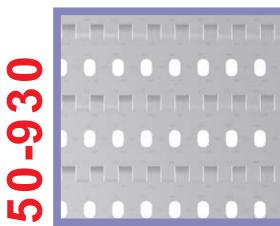
No. of	A=Outside	B=Pitch	C=Inside	Sprocket
teeth	diameter	diameter	diameter	width
Z	(mm)	(mm)	(mm)	(mm)
12	210	191	172	38





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Belt surface:	Perforated flat top with 3 mm flights.
Open area:	13 %. Biggest opening 7 x 11 mm.
Strength:	The right belt for very heavy applications.
🔿 Material:	PP, POM.
Accessories:	75 mm flight.
Application:	Very heavy transportation. Assembling belt for cars.

Truck loading systems.

### HUB SPECIFICATION

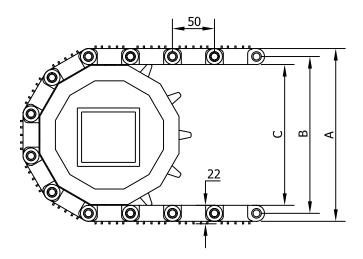
	Number of teeth 12Z
Round bore (mm)	60ø 80ø 90ø
Square bore (mm)	40x40 60x60
bore available in inch size	

#### **BELT DATA**

Materials	Max. belt pull kg/m of width	Belt weight kg/m²
Polypropylene (PP)	6000	14
Polyacetal (POM)	0000	17

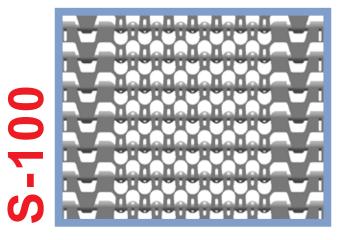
### SPROCKET DATA

No. of	A=Outside	B=Pitch	C=Inside	Sprocket
teeth	diameter	diameter	diameter	width
Z	(mm)	(mm)	(mm)	(mm)
12	216	191	172	38









HUB	SPECI	FICATION	

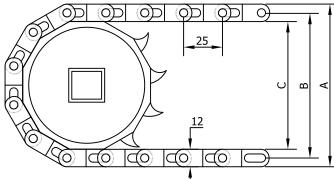
	Number of teeth			
	8Z	12Z	20Z	
Round	20ø	20ø		
bore (mm)	25ø	25ø	25ø	
		30ø	30ø	
		40ø	40ø	
Hexagon bore (mm)	24x24x24			
Square	25x25	25x25	25x25	
bore (mm)		40x40	40x40	
bore available in inch size				

#### **BELT DATA**

Materials	Rods	Max. belt pull kg/m of width	Belt weight kg/m²
Polyacetal (POM)	NYLON	110	7
	STEEL	150	12
Polypropylene (PP)	NYLON	90	4.5
	STEEL	100	9.7

### SPROCKET DATA

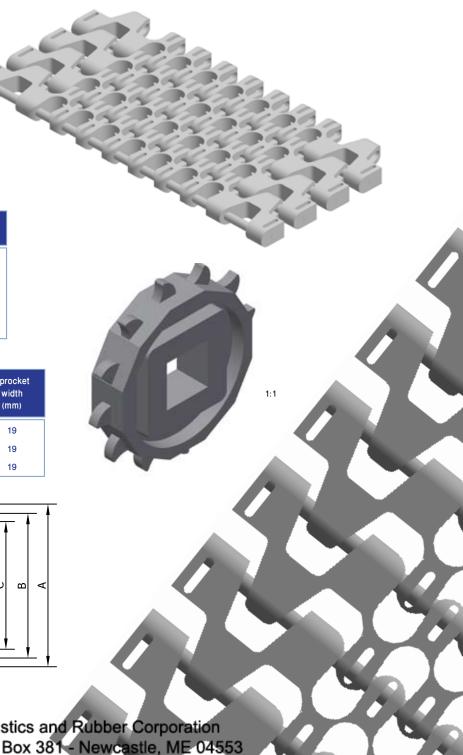
No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
8	78	66	54	19
12	108	96	84	19
20	173	161	149	19



Maine Industrial Plastics and Rubber Corporation	
21 Teague Street - PO Box 381 - Newcastle, ME 04553	
Phone: (207) 563-5532 Email: HGL@TIDEWATER.NET FAX: (207)	563-8457

➔ Belt surface:	Smooth.
➔ Open area:	52 %
Strength:	The ideal choice for medium weight
➔ Material:	POM/PP
Accessories:	friction modules, hold-down. 25, 50, 75 mm flights.
Application:	Spiral coolers, radius conveyors.
Construction:	Side modules, centre modules.
➔ Width interval:	Normal 20 mm. e.g. 209 mm, 229 mm

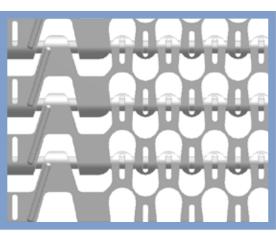
mm.



### Ρ ORPORATION

### Plastic Modular Belting





#### Belt surface: Smooth. Open area: 52 % Strength: The ideal choice for medium weight 🌖 Material: POM/PP Accessories: friction modules, hold-down. 25, 50, 75 mm flights, 25 mm side guards, Application: Spiral coolers, radius conveyors Construction:Side modules, centre

Width interval:

modules. Normal 20 mm. e.g. 209 mm, 229 mm.

### HUB SPECIFICATION

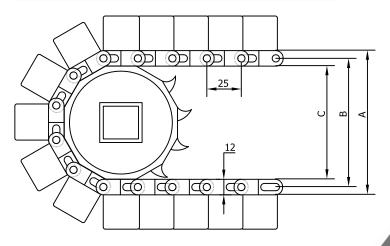
	Number of teeth			
	8Z	12Z	20Z	
Round	20ø	20ø		
bore (mm)	25ø	25ø	25ø	
		30ø	30ø	
		40ø	40ø	
Hexagon bore (mm)		24x24x24		
Square	25x25	25x25	25x25	
bore (mm)		40x40	40x40	
bore available in inch size				

### **BELT DATA**

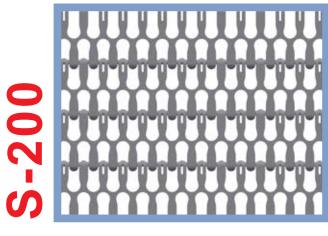
Materials	Rods	Max. belt pull kg/m of width	Belt weight kg/m²
Polyacetal (POM)	NYLON	110	7
	STEEL	150	12
Polypropylene (PP)	NYLON	90	4.5
	STEEL	100	9.7

### SPROCKET DATA

No. of teeth Z	A=Outside diameter (mm)	B=Pitch diameter (mm)	C=Inside diameter (mm)	Sprocket width (mm)
8	78	66	54	19
12	108	96	84	19
20	173	161	149	19







Belt surface:	Smooth.
➔ Open area:	47 %
Strength:	Ideal for heavy duty spirals and curves.
→ Material:	POM/PP
Oleanability:	Good.
Application:	Spiral coolers, radius conveyors

HUB SPECIFICATION

	Number of teeth
	10Z
Round	25ø
bore (mm)	30ø
	40ø
	50ø
	60ø
Square	25x25
bore (mm)	40x40
	60x60

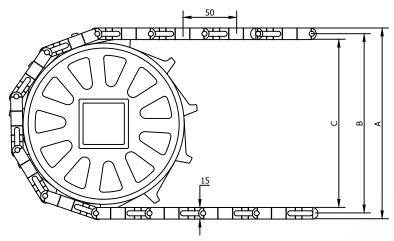
bore available in inch size

### **BELT DATA**

Materials	Rods	Max. belt pull kg/m of width	Belt weight kg/m²
Polyacetal (POM)	PP	205	8
	Nylon	305	8
Polypropylene (PP)	PP	160	6
	Nylon	250	6

### SPROCKET DATA

No. of	A=Outside	B=Pitch	C=Inside	Sprocket
teeth	diameter	diameter	diameter	width
Z	(mm)	(mm)	(mm)	(mm)
10	169	154	139	35



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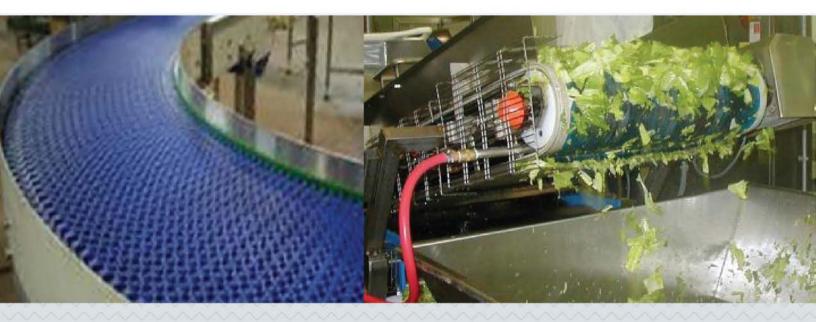


### Plastic Modular Conveyor Belt Part # List

Part Number	Open Area	Belt Surface	Application
12-400	40%	Open belt with smooth surface	Cooling belt for small nose bar/transfer
12-406	8%	Open belt with smooth surface	Cooling belt for small nose bar/transfer
12-408	0%	Closed belt with smooth surface	Cooling belt for small nose bar/transfer
12-408F	0%	Flat top with friction surface	Transport of goods on a slightly inclined conveyor
25-400	29%	Open belt with smooth surface	Seafood, red meat, vegetables & bakery
25-400F	29%	Flat top with friction surface	Transport of goods on a slightly inclined conveyor
25-408	0%	Flat top	Transport of small products
25-420	14%	Raised ribs	Transport of bottles through pasteurizer or cooler
25-800	0%	Flat top	Seafood, red meat, vegetables & bakery
25-800F	0%	Flat top	Transport of goods on a slightly inclined conveyor
25-806	17%	Perforated Flat top	Dairy, vegetables, poultry, snacks & sweet goods
25-830	0%	Structure top w/ 3mm cones	Seafood, red meat, vegetables & bakery
50-100	27%	Open belt with smooth surface	Seafood, wood, meat, vegetables, poultry & bakery
50-300	27%	Open belt with smooth surface	Seafood, wood, meat, vegetables, poultry & bakery
50-401	61%	Open belt with smooth surface	Cooling belt for large airflow and small open area
50-500	25%	Raised ribs	Cooling belt for seafood, meat, vegetables & bakery
50-600	9%	Open mesh	Product requiring drainage w/ very small openings
50-606	10%	Perforated flat top	Product requiring drainage and small openings
50-608	0%	Flat top	Dairy, vegetables, poultry, snacks & sweet goods
50-608F	0%	Flat top	Inclined Conveyors
50-800	0%	Flat top	Dairy, vegetables, poultry, snacks & sweet goods
50-806	20%	Perforated flat top	Dairy, vegetables, poultry, snacks & sweet goods
50-830	0%	Structure top w/ 3mm cones	Seafood, red meat, vegetables & bakery
50-838	0%	Structure top w/ 3mm cones	Seafood, red meat, vegetables & bakery
50-906	13%	Perforated flat top	Assembly line belt, truck loading
50-908	0%	Flat top	Assembly line belt, truck loading, Pallets
50-930	13%	Flat top w/ 3mm flights	Assembly line belt, truck loading, Pallets
S-100	52%	Open belt with smooth surface	Spiral coolers, radius conveyors
S-100 S-25	52%	Open belt with smooth surface	Spiral coolers, radius conveyors
S-200	47%	Open belt with smooth surface	Spiral coolers, radius conveyors



### **PLASTIC MODULAR BELTS**



Maine Industrial Corp. 21 Teague Street PO Box 381 Newcastle, ME 04553 **QUESTIONS + ORDERS** 

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