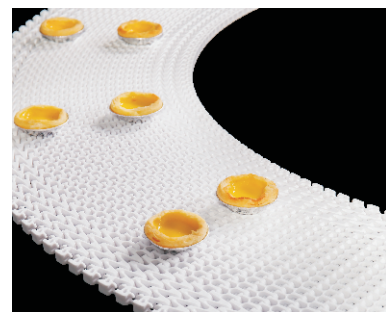
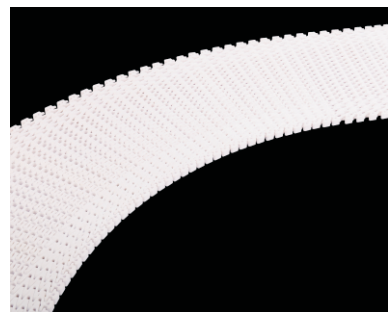
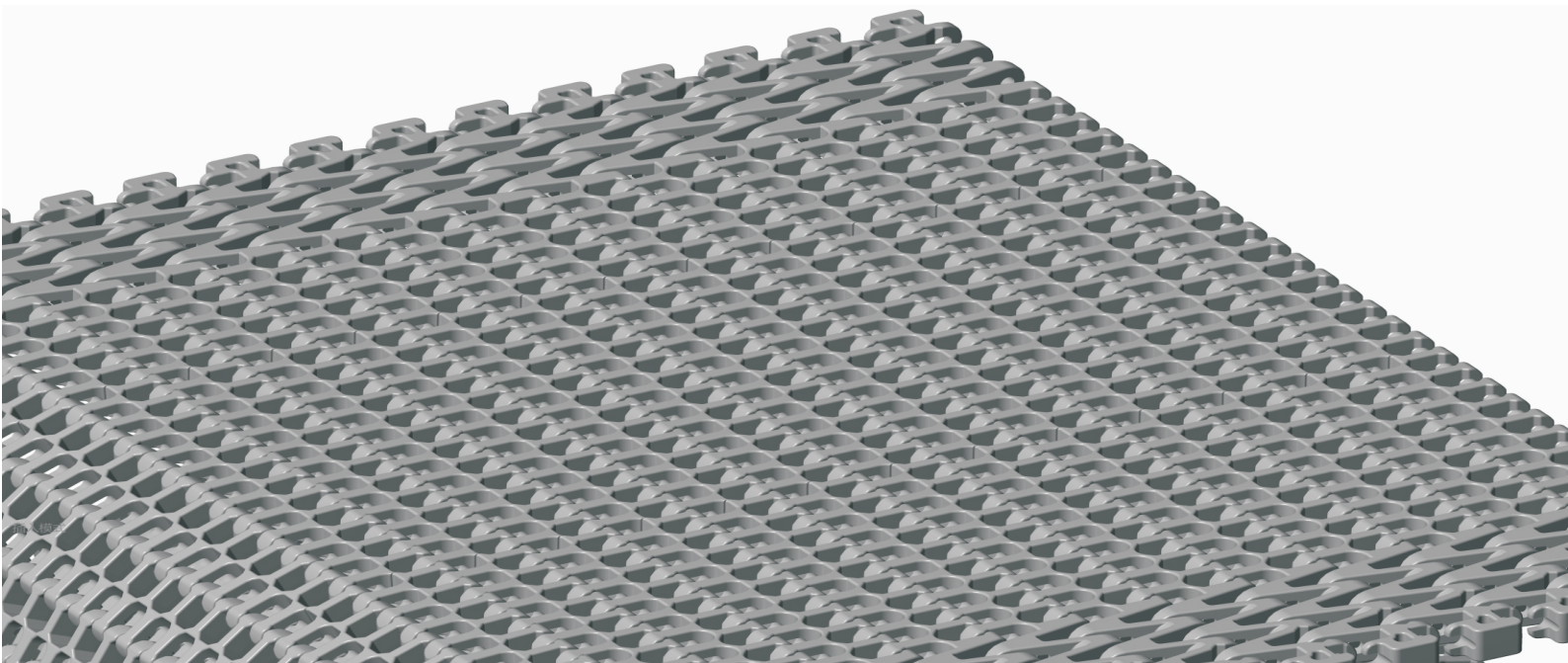
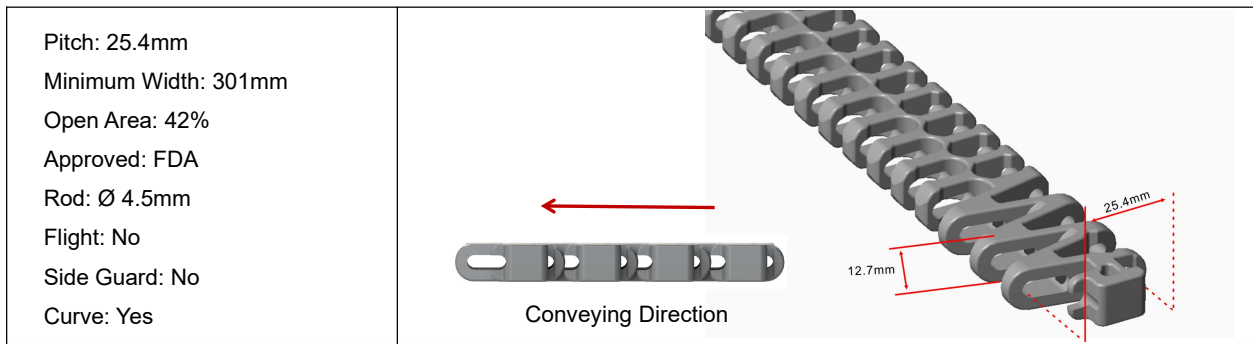


## HS-2400B Technical Data Sheet





## Data

Belt Material	Belt Strength				Temperature		Belt Weight
	Straight		Curve		°C (min.)	°C (max.)	(Kg/M <sup>2</sup> )
	Kg/M(BW)	N/M(BW)	Kg/M(BW)	N/M(BW)			
Polypropylene	890	8900	89	890	1	100	5.9
Acetal	890	8900	89	890	-40	80	8.5
Nylon	890	8900	89	890	1	180	8.0

BW – Belt Width

## Color Table

Polypropylene					Polyethylene					Acetal					Nylon				
W	G	N	DB	B	W	G	N	DB	B	W	G	N	DB	B	W	G	N	DB	B
●	●			●						●	●			●				●	

W-White, G-Gray, N-Nature, DB-Dark brown, B-Blue (For more information of belt color, pls consult our sales team)

## Friction Table

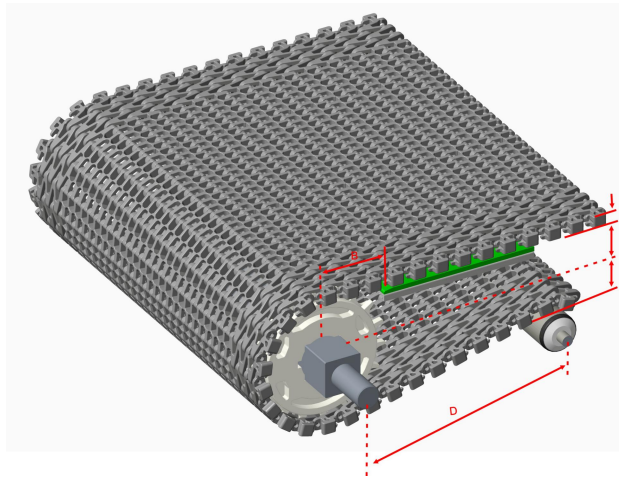
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19	0.27

SUS – Stainless Steel

## Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	S2400 Radius Flush Grid (1.7)	--	--	--	--	--

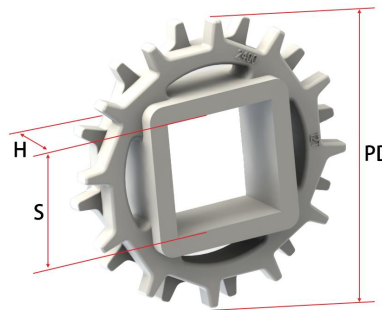
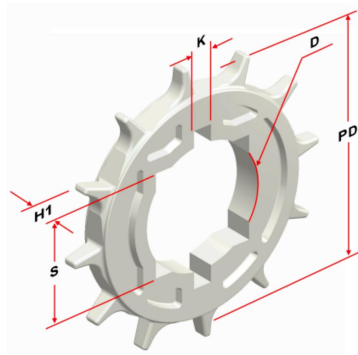
The above content is only for reference.



## Conveyor Frame Dimensions

Unit : mm

No. Teeth	A ( Min.)	B ( Min.)	C ( Max.)	D ( Min.)	T
12	44.5	60	43	200	12.7
18	68.5	84	67	200	
24	94.5	110	93	250	
9-2R	30.65	47	28.3	200	
12-2R	44.65	61	42.3	200	
16-2R	59.65	76	57.3	200	
20-2R	75.15	91.5	72.8	200	

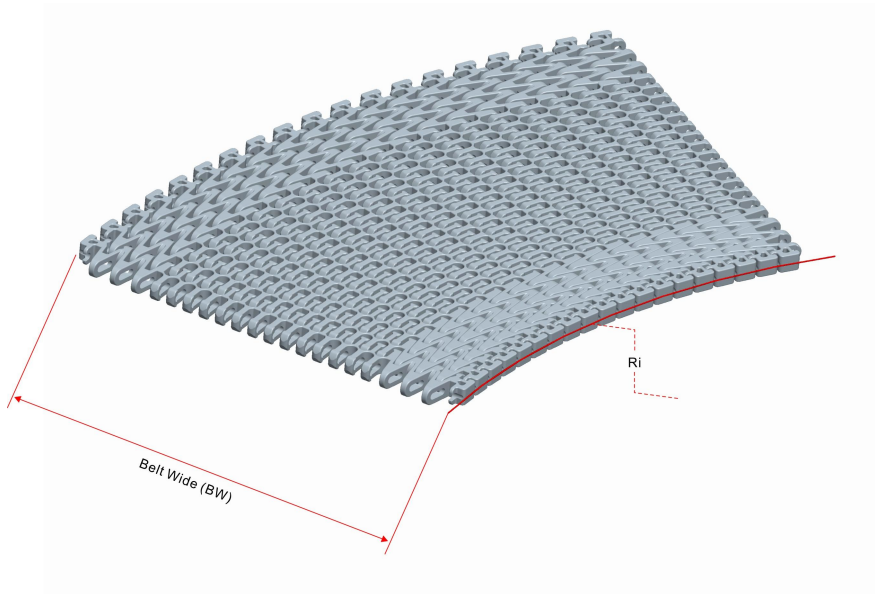


## Sprocket Dimensions

Unit: mm

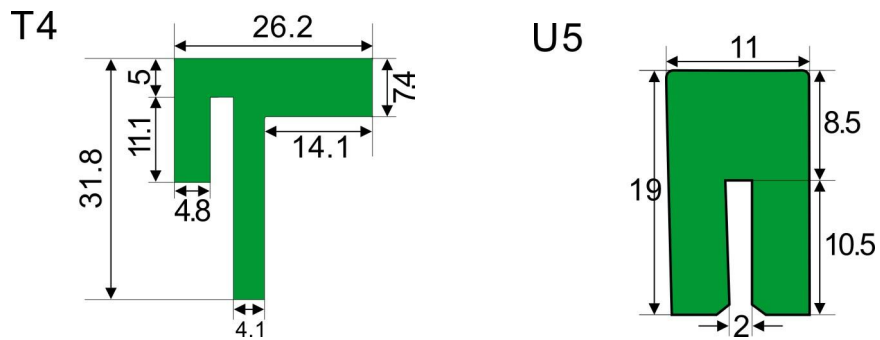
No. Teeth	PD	OD	S	D	H	K
12	98.14	100	25.4/38.1/39/40	25.4/28/30/31.75/35/40/46/47/50.8	18	8X8
18	146.27	148	25.4/38.1/40	25.4/30/31.75/35/36/40/45/47	18	8X8
24	194.60	200	38.1/40/50/60	--	30	--
9-2R	74.27	74	25.4	25.4	25	6.35X3.17
12-2R	98.14	102	38.1/40	--	25	--
16-2R	130.20	132	38.1/40	25.4/38.1	25	6.35X3.17
20-2R	162.37	163	38.1/40	25.4/38.1	25	6.35X3.17

## Design Guide Summary



- The minimum turning radius (inside) is 1.7 times of belt Width, 2.0 times of belt width is the most optimal.
- The minimum straight run section near driving shaft and idling shaft of Radius belt must be 2 times of the belt width in length.
- The minimum straight run section between two turns of opposing direction must be 2 times of the belt width in Length.
- When using a belt width bigger than 453mm in spiral and flat turning applications, pls contact our sales team.

## Guide Rail & Wear Strips



- We have different kinds of guide rail and wear strips for your choice; for more information, please consult our sales team.