

# Flat Belts General Use

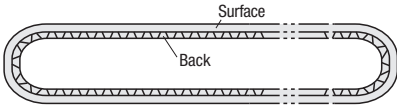
■Features: Used for transfer of wide range of items right from food to cardboard, metal and plastic. Excels in moist-heat resistance and prevents fray.

General Purpose	Type	Type No.	Ply count	Surface Shape	Color	Material		Friction Coefficient (Ref. Against Polished Steel)		Thickness mm	Unit Mass kg/m <sup>2</sup>	Allowable Tension N/mm	Min. Pulley Dia. Ømm	Knife Edge	Continuous Use Temperature °C
						Surface	Back	Front	Back						
	HBLT	①	1	Flat surface	Green	Polyurethane	Polyester	0.3	0.1	0.8	0.9	4	15	R3	-10~80
	HBLTWH	②	1	Flat surface	White	Polyurethane	Polyester	0.3	0.1	0.8	0.9	4	15	R3	-10~80
	HBLTG	③	1	Flat surface	Green	Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	R3	-30~80
	HBLTGDN	④	2	Flat surface	Green	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.9	8	50	×	-30~100
	HBLBN	⑤	2	Flat surface	Sky Blue	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.3	3	15	R3	-30~100
	HBLYGN	⑥	2	Flat surface	Yellow Green	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	(R3)*1	-30~100
	HBLTGCN	⑦	2	Flat surface	Green	PVC	Polyester Canvas	1.0	0.2	1.8	1.9	8	30	×	-10~80
	HBLTWCN	⑧	2	Flat surface	White	PVC	Polyester Canvas	1.0	0.2	1.8	1.9	8	30	×	-10~80
	HBLGT	⑨	3	Flat surface	Green	PVC	Polyester Canvas	1.0	0.2	4.6	5	18	100	×	-10~80
	HBLWT	⑩	3	Flat surface	White	PVC	Polyester Canvas	1.0	0.2	4.6	5	18	100	×	-10~80
	HBT DST	⑪	2	Flat surface	Green	PVC	Polyester Canvas	1.0	0.2	3.4	3.7	8	75	×	-10~80

\*1: Number in ( ) is the value when allowable tension is 5N/mm.



For Belt Tolerance, see P.1352



- Flat belts are weld-jointed before shipping.
- I.D. will be the Belt Length.

Part Number		Belt Length L (m)	Body Price / m								Belt Jointing Charge (Body Price + )				
Type	Belt Width W (mm)	0.01m Increment	① ②	③	④	⑤ ⑦ ⑧	⑥	⑨ ⑩	⑪	① ②	③	④, ⑤, ⑥, ⑦, ⑧, ⑪	⑨ ⑩		
HBLT HBLTWH HBLTG HBLTGDN HBLBN HBLYGN HBLTGCN HBLTWCN HBLGT HBLWT HBT DST	10	0.50~20.00	HBLT HBLTWH	HBLTG	HBLTGDN	HBLBN HBLTGCN HBLTWCN	HBLYGN	HBLGT HBLWT	HBT DST	HBLT HBLTWH	HBLTG	HBLTGDN, HBLBN HBLYGN, HBLTGCN HBLTWCN, HBT DST	HBLGT HBLWT		
	15														
	20														
	25														
	30														
	35														
	40														
	50														
	60														
	70														
	75														
	80	0.80~20.00													
	90														
	100														
	110														
	120														
	125														
	130														
	140														
	150														
	160														
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	380														
	390														
	400														
	410														
	420														
	430														
	440														
	450														
460															
470															
480															
490															
500															

Flat belts are weld-jointed before shipping.

The connection areas may become slightly thicker: HBLT, HBLTWH by 0.3mm. Belt length L must be four times belt width W. (L ≥ W × 4/1000)

Ordering Example  
Part Number - Belt Length L (m)  
Type | Belt Width  
HBLT 350 - 4.23

Type	Food hygienic properties	Antibacterial and Antifungal Property	Fray Prevention	Water Resistance, Moist-Heat Resistance	Thermal Shrinkage Prevention	Surface Cleanability	Prevention of shrinkage due to imprinting	Sodium Hypochlorite Resistant	Anti-stick	Oil Resistance
HBLT	○	-	-	△	△	△	△	△	△	△
HBLTWH	○	-	-	△	△	△	△	△	△	△
HBLTG	○	-	○	○	○	-	-	○	-	○
HBLTGDN	○	○	○	○	○	-	-	○	-	○
HBLBN	○	○	○	○	○	-	-	○	-	○
HBLYGN	○	-	○	○	○	-	-	○	-	○
HBLTGCN	○*1	-	○	-	-	-	-	○	-	○
HBLTWCN	○*1	-	○	-	-	-	-	○	-	○
HBLGT	○*1	-	-	-	-	-	-	○	-	○
HBLWT	○*1	-	-	-	-	-	-	○	-	○
HBT DST	○*1	-	-	-	-	-	-	○	-	○

\*1: Cannot be used for bare transfer of oil and fatty foods.

○: Best suited, ○: Applicable, △: May be applicable, -: Not applicable

# Flat Belts For Sliding

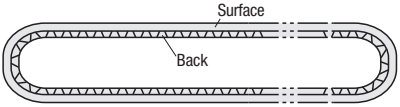
■Features: A canvas having lubricating ability in vertical and lateral direction is used. It is a flat belt for accumulation and alignment of transfer objects.

Sliding	Type	Specifications Usage	Color	Ply count	Surface Shape	Material		Friction Coefficient (Ref. Against Polished Steel)		Thickness mm	Unit Mass kg/m <sup>2</sup>	Allowable Tension N/mm	Min. Pulley Dia. Ømm	Knife Edge	Continuous Use Temperature °C
						Surface	Back	Front	Back						
	SHBLTG	Vertical direction	Green	1	-	Urethane Impregnated	Polyester	0.15	0.1	0.5	0.5	4	25	R3	-10~80
	SHBLT		White	1	-	Urethane Impregnated	Polyester	0.1	0.1	0.5	0.5	4	25	R3	-10~80
	YSBLGN	Lateral direction	Green	2	-	Polyester Canvas	Polyester Canvas	0.2	0.2	1.3	1.1	8	30	×	-30~100
	YSBLWN		White	2	-	Polyester Canvas	Polyester Canvas	0.2	0.2	1.3	1.1	8	30	×	-30~100

Usage: Belt transfer in vertical and lateral direction is available.



For Belt Tolerance, see P.1352



- Flat belts are weld-jointed before shipping.
- I.D. will be the Belt Length.

Part Number		Belt Length L (m)	Body Price / m			Belt Jointing Charge (Body Price + )		
Type	Belt Width W (mm)	0.01m Increment	SHBLTG SHBLT	YSBLGN	YSBLWN	SHBLTG SHBLT	YSBLGN YSBLWN	
SHBLTG SHBLT YSBLGN YSBLWN	10	0.50~20.00						
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	130							
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	160							
	170							
	180							
	190							
	200							
	210							
	220		0.80~20.00					
	230							
	240							
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