

Flat Belts General Use

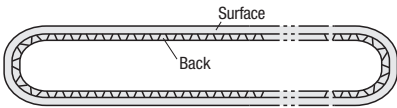
■Features: Used for transfer of wide range of items right from food to cardboard, metal and plastic. Excels in moist-heat resistance and prevents fray.

General Purpose	Type	Type No.	Ply count	Surface Shape	Color	Material		Friction Coefficient (Ref. Against Polished Steel)		Thickness mm	Unit Mass kg/m²	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	25	R8	-10~80
	HBLTWH	②	1	Flat surface	White	Polyurethane	Polyester	0.3	0.1	0.8	0.9	4	25	R8	-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	2.1	2.3	8	50	×	-10~80
	HBLTWCN	⑧	2	Flat surface	White	PVC	Polyester Canvas	1.0	0.2	2.1	2.3	8	50	×	-10~80
	HBLGT	⑨	3	Flat surface	Green	PVC	Polyester Canvas	1.0	0.2	5.0	5.7	18	120	×	-10~80
	HBLWT	⑩	3	Flat surface	White	PVC	Polyester Canvas	1.0	0.2	5.0	5.7	18	120	×	-10~80
	HBT DST	⑪	2	Flat surface	Green	PVC	Polyester Canvas	1.0	0.2	3.6	4.1	8	100	×	-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 ⑨ ⑪	⑨ ⑩											
HBLT HBLTWH HBLTG HBLTGDN HBLBN HBLYGN HBLTGCN HBLTWCN HBLGT HBLWT HBT DST	10	0.50~20.00																							
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	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.

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

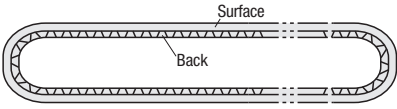
■Features: A canvas having lubricating ability in vertical and lateral direction is used. It is a flat belt for accumulation and alignment of transfer objects.

Sliding	Type	Specifications Usage	Color	Ply count	Surface Shape	Material		Friction Coefficient (Ref. Against Polished Steel)		Thickness mm	Unit Mass kg/m²	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



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- 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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	75	0.80~20.00					
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