

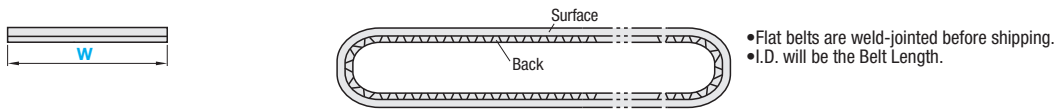
Flat Belts General Use

Flat Belts For Sliding

■ 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.

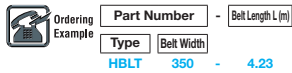
General Purpose	Type	Type No.	Ply count	Surface Shape	Color	Material		Friction Coefficient (Ref. Against Polished Steel)		Thickness mm	Unit Mass kg/m ²	Allowable Tension N/mm	Min. Pulley Dia. Ømm	Knife Edge	Continuous Use Temperature °C
						Surface	Back	Front	Back						
						①	②	③	④						
HBLT	①	1	1	Flat surface	Green	Polyurethane	Polyester	0.2	0.1	0.9	1	4	25	R5	-30~80
HBLTWH	②	1	1	Flat surface	White	Polyurethane	Polyester	0.15	0.1	0.9	1	4	25	R5	-30~80
HBLTG	③	1	1	Flat surface	Green	Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	R3	-30~80
HBLTGDN	④	2	2	Flat surface	Green	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.9	8	50	×	-30~100
HBLBN	⑤	2	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	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	2	Flat surface	Green	PVC	Polyester Canvas	1.0	0.2	2.1	2.3	8	50	×	-10~80
HBLTWCN	⑧	2	2	Flat surface	White	PVC	Polyester Canvas	1.0	0.2	2.1	2.3	8	50	×	-10~80
HBLGT	⑨	3	3	Flat surface	Green	PVC	Polyester Canvas	1.0	0.2	5.0	5.7	18	120	×	-10~80
HBLWT	⑩	3	3	Flat surface	White	PVC	Polyester Canvas	1.0	0.2	5.0	5.7	18	120	×	-10~80
HBLTDT	⑪	2	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.



Part Number	Belt Length L (m)	Body Price / m											Belt Jointing Charge (Body Price +)													
		0.01m Increment		①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩		
Type	Belt Width W (mm)	0.01m Increment	HBLT	HBLTWH	HBLTG	HBLTGDN	HBLBN	HBLYGN	HBLTGCN	HBLTWCN	HBLGT	HBLWT	HBLTDT	HBLT	HBLTWH	HBLTG	HBLTGDN	HBLBN	HBLYGN	HBLTGCN	HBLTWCN	HBLGT	HBLWT	HBLTDT		
HBLT	10	0.50~20.00																								
	15																									
	20																									
	25																									
	30																									
	35																									
	40																									
	50																									
	60																									
	70																									
HBLTWH	75	0.80~20.00																								
	80																									
	90																									
	100																									
	110																									
	120																									
	125																									
	130																									
	140																									
	150																									
HBLTG	160	0.80~20.00																								
	170																									
	180																									
	190																									
	200																									
	210																									
	220																									
	230																									
	240																									
	250																									
HBLTGDN	260	0.80~20.00																								
	270																									
	280																									
	290																									
	300																									
	310																									
	320																									
	330																									
	340																									
	350																									
HBLBN	360	0.80~20.00																								
	370																									
	380																									
	390																									
	400																									
	410																									
	420																									
	430																									
	440																									
	450																									
HBLYGN	460	0.80~20.00																								
	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 ≥ 4*1000)



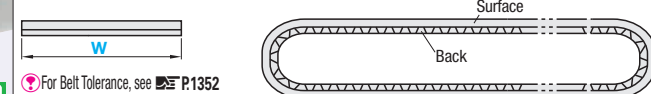
Type	Food hygienic properties	Antibacterial and Antifungal Property	Fray Prevention	Water Resistance, Moist-Heat Resistance	Thermal Shrinkage Prevention	Surface Cleanability	Prevention of shrinkage due to imprinting	Sodium Hypochlorite Resistant	Anti-stick	Oil Resistance
HBLT	○	-	-	△	△	△	△	△	△	△
HBLTWH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

*1: Cannot be used for bare transfer of oil and fatty foods. ○: Best suited, ○: Applicable, △: May be applicable, -: Not applicable

■ 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 ²	Allowable Tension N/mm	Min. Pulley Dia. Ømm	Knife Edge	Continuous Use Temperature °C
						Surface	Back	Front	Back						
						①	②	③	④						
SHBLTG	SHBLTG	Vertical direction	Green	1	-	Urethane Impregnated	Polyester	0.15	0.1	0.5	0.5	4	25	R3	-10~80
			White	1	-	Urethane Impregnated	Polyester	0.1	0.1	0.5	0.5	4	25	R3	-10~80
	SHBLT	Lateral direction	Green	2	-	Polyester Canvas	Polyester Canvas	0.2	0.2	1.3	1.1	8	30	×	-30~100
			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

Part Number	Belt Length L (m)	Body Price / m			Belt Jointing Charge (Body Price +)		
		SHBLTG SHBLT	YSBLGN	YSBLWN	SHBLTG SHBLT	YSBLGN YSBLWN	
SHBLTG	10	0.01m Increment					
	15						
	20						
	25						
	30						
	35						
	40						
	50						
	60						
	70						
SHBLT	75	0.80~20.00					
	80						
	90						
	100						
	110						
	120						
	125						
	130						
	140						
	150						
YSBLGN	160	0.80~20.00					
	170						
	180						
	190						
	200						
	210						
	220						
	230						
	240						
	250						
YSBLWN	260	0.80~20.00					
	270						
	280						
	290						
	300						