

Flat Belts - For Inclined Transfer

Features: Belt that ensures high grip property by adopting various surface patterns, such as Vertical groove, Shallow groove, Deep groove, Basket-weave, Rough top, Herringbone, etc.



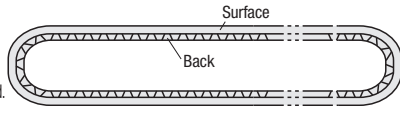
Type	Type No.	Incline Angle	Color	Ply count Qty.	Surface Shape	Material		Friction Coefficient (Ref. Against Polished Steel)		Thickness mm	Unit Mass kg/m ²	Allowable Tension N/mm	Min. Pulley Dia. 0mm	Knife Edge	Continuous Use Temperature °C
						Surface	Back	Front	Back						
						LHBLT	(1)	15 or less	Green						
LHBLTWH	(2)	15 or less	White	1	Vertical groove	Soft Polyurethane	Polyester	1.7	0.1	1.5	1.6	4	30	×	-10-80
LHBLWN	(3)	15 or less	White	2	Vertical groove	Thermoplastic Polyurethane	Polyester Canvas	1.6	0.2	2.3	2.2	8	50(25)*	×	-30-80
LHBLYN	(4)	15 or less	Gray	2	Shallow groove	PVC	Polyester Canvas	1.2	0.2	3.3	3.4	8	80	×	-10-70
LHBLGASN	(5)	15 or less	Green	2	Basket-weave	PVC	Polyester Canvas	1.1	0.2	2.3	2.4	8	100(70)*	×	-10-60
LHBLGAN	(6)	20 or less	Green	2	Deep groove	PVC	Polyester Canvas	1.2	0.2	5.3	4.2	8	80	×	-10-70
LHBLGTN	(7)	20 or less	Green	2	Rough top	PVC	Polyester Canvas	1.1	0.2	5.5	6.5	12	80	×	-10-70
LHBLTYN	(8)	20 or less	Gray	2	Rough top	PVC	Polyester Canvas	1.1	0.2	5.5	6.5	12	80	×	-10-70
LHBLGYN	(9)	30 or less	Green	2	Herringbone	Special Thermoplastic Elastomer	Polyester Canvas	2	0.2	3.4	3	8	50	×	-10-60
LHBLYFN	(10)	30 or less	Gray	2	Herringbone	Special Thermoplastic Elastomer	Polyester Canvas	2	0.2	3.4	3	8	75(50)*	×	-10-60

*: The numerical value in () is the one measured when allowable tension is 5N/mm.



About Belt Tolerance **P.1390**

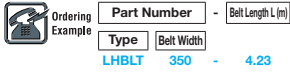
- Endless jointing is applied before the product is shipped.
- I.D. is defined as the belt length.



For information about resistance of flat belts against chemicals and oils, see P1383 and P1384.

Part Number	Belt Length L (m)		Body Price/m										Endless Jointing Charge (Body Price →)				
	Type	Belt Width W (mm)	0.01m Increment	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	Other than (1) and (2)	
LHBLT		10	0.50-20.00														
		15															
		20															
		25															
		30															
		35															
		40															
		50															
		60															
		70															
		75															
		80															
		90															
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	390																
	400																
	410																
	420																
	430																
	440																
	450																
	460																
	470																
	480																
	490																
	500																

The connection areas on the following part numbers may become approx. 0.3mm thicker: LHBLT, LHBLTWH.



Type	Incline Angle	Food hygienic properties	Antibacterial and Antimold 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
LHBLT	15 or less	○	-	-	△	△	△	△	△	△	△
LHBLTWH	15 or less	○	-	-	△	△	△	△	△	△	△
LHBLWN	15 or less	○	-	○	-	-	-	-	-	-	○
LHBLYN	15 or less	-	-	○	-	-	-	-	-	-	-
LHBLGASN	15 or less	-	-	-	-	-	-	-	-	-	-
LHBLGAN	20 or less	-	-	○	-	-	-	-	-	-	-
LHBLGTN	20 or less	-	-	-	-	-	-	-	-	-	-
LHBLTYN	20 or less	-	-	-	-	-	-	-	-	-	-
LHBLGYN	30 or less	-	-	-	-	-	-	-	-	-	-
LHBLYFN	30 or less	-	-	○	-	-	-	-	-	-	-