


Flat Belts - For Inclined Transfer

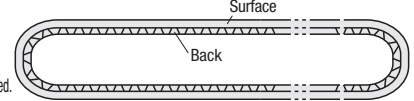
Features: Belt that ensures high grip property by adopting various surface patterns, such as Vertical groove, Shallow groove, Deep groove, Basket-weave, Rough top, Herringbone, etc.

Inclined Transfer	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. Ømm	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.



W




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

 About Belt Tolerance  P.1390
 Endless jointing is applied before the product is shipped.
 I.D. is defined as the belt length.

Part Number	Belt Length L (m)	Body Price/m										Endless Jointing Charge (Body Price +)		
		(1) LHBLT LHBLTWH	(2) LHBLWN	(3) LHBLYN	(4) LHBLGASN	(5) LHBLGAN	(6) LHBLGTNLHBLTYN	(7) LHBLGYN LHBLYFN	(8) LHBLTWH	(9) LHBLTWH	(10) LHBLTWH	Other than (1) and (2)		
LHBLT	10													
	15													
	20	0.50-20.00												
	25													
	30													
	35													
	40													
	50													
	60													
	70													
	75													
	80													
	90													
	100													
	110													
	120													
	125													
	130													
	140													
	150													
LHBLTWH	160													
LHBLWN	170													
LHBLYN	180													
LHBLGASN	190													
LHBLGAN	200													
LHBLGTN	210													
LHBLTYN	220													
LHBLGYN	230													
LHBLYFN	240	0.80-20.00												
	250													
	260													
	270													
	280													
	290													
	300													
	310													
	320													
	330													
	340													
	350													
	360													
	370													
	380													
	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.

 Ordering Example: **Part Number** - **Belt Length L (m)**
 LHBLT 350 - 4.23

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	-	-	○	-	-	-	-	-	-	-

○: Excellent / ○: Applicable / △: May be affected by environments / -: Not applicable