

Flat Belts: For Packaged Goods Transfer / For Electronic Parts Transfer

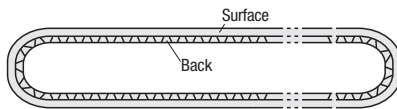
Features: Flat Belt for Packaged Goods Transfer allows workpieces to be conveyed without being damaged.
Flat Belt for Electronic Parts Transfer is provided with antistatic finish and thus, is suitable for conveyance of static-sensitive electronic components. (DHBLT/DHBLTS/DHBLGN)

For Packaged Goods Transfer Electronic Parts Conveyor	Type	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						
					FBLG	Green	1	Flat surface						
FBLW	White	1	Flat surface	Suede Non-woven Fabric	Polyester Canvas	-	-	1.8	1.2	4	25	×	-5~60	
FBLGN	Green	2	Flat surface	Suede Non-woven Fabric	Polyester Canvas	-	-	2	1.5	5	30	×	-5~60	
FBLWN	White	2	Flat surface	Suede Non-woven Fabric	Polyester Canvas	-	-	2	1.5	5	30	×	-5~60	
DHBLT	Black	1	Flat surface	Conductive Polyurethane	Polyester	0.2	0.1	0.6	0.7	3	25	R3	-10~80	
DHBLTS	Black	1	Flat surface	Conductive Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	R3	-10~80	
DHBLGN	Black	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	(R3)*1	-30~80	

*1: The values in () are those when the allowable tension is 5 N/mm.

About Belt Tolerance **P1390**

- Endless jointing is applied before the product is shipped.
- I.D. will be the Belt Length.



Catalog Standard Changes

Type	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
	Front	Back						
DHBLT	0.3	0.15	0.9	1	3.5	30	R10	-10~80

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	FBLG FBLW	FBLGN FBLWN	DHBLT	DHBLTS	DHBLGN	FBLG FBLW	FBLGN FBLWN	DHBLT	DHBLTS	DHBLGN
DHBLT	5			0.50~3.00	-	-	-	-	-	-	-	-	-	-
	10			0.50~20.00										
	15													
	20													
	25													
	30													
	35													
	40													
	50													
	60													
	70													
	75													
	80													
	90													
	100													
	110													
	120													
	125													
	130													
	140													
	150													
	160													
	170													
FBLG*2	180													
FBLW*2	190													
FBLGN*2	200													
FBLWN*2	210													
	220													
	230													
	240													
DHBLT	250			0.80~20.00										
	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													

Flat belts are endless-jointed before being shipped. The connection areas on the following part number may become approx. 0.3mm thicker: DHBLT. *2: Belt length for FBLG, FBLW, FBLGN, FBLWN can be configured beginning with 0.70.

Ordering Example

Part Number - Belt Length L (m)
Type | Belt Width
DHBLT 50 - 4.23

Type	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
FBLG	△	-	-	-	-	-	○	-	○	-
FBLW	△	-	-	-	-	-	○	-	○	-
FBLGN	△	-	-	-	-	-	○	-	○	-
FBLWN	△	-	-	-	-	-	○	-	○	-
DHBLT	○	-	-	△	△	△	△	△	△	△
DHBLTS	-	-	○	-	-	-	-	-	-	○
DHBLGN	-	-	○	-	-	-	-	-	-	○

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