

# Flat Belts - For Inclined Transfer

# Flat Belts - Grip Type

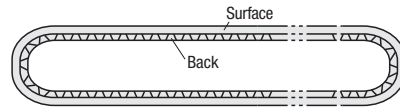
**Features:** Belt that ensures high grip on various surface patterns, such as Vertical groove, Shallow groove, Deep groove, Basket-weave, Rough top, Herringbone, etc.

Type	Type No.	Incline Angle	Color	Ply count	Surface Shape	Material		Friction Coefficient (Ref. Against Polished Steel)		Thickness mm	Unit Mass kg/m <sup>2</sup>	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) *1	×	-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) *1	×	-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	0.2	3.4	3.0	8	50	×	-10~60
LHBLYFN	⑩	30 or less	Gray	2	Herringbone	Special Thermoplastic Elastomer	Polyester Canvas	2.0	0.2	3.4	3.0	8	75(50) *1	×	-10~60

\*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 +)	
		① ②	③	④	⑤	⑥	⑦ ⑧	⑨ ⑩	① ②	Other than ① and ②			
Type	Belt Width W (mm)	0.01m Increment	LHBLT LHBLTWH	LHBLWN	LHBLYN	LHBLGASN	LHBLGAN	LHBLGTN LHBLTYN	LHBLGYN LHBLYFN	LHBLT LHBLTWH	Other than LHBLT and LHBLTWH		
LHBLT	10	0.50~20.00											
	15												
	20												
	25												
	30												
	35												
	40												
	50												
	60												
	70												
	LHBLTWH	75	0.80~20.00										
		80											
		90											
		100											
		110											
		120											
		125											
		130											
		140											
		150											
LHBLWN		160	0.80~20.00										
		170											
		180											
		190											
		200											
		210											
		220											
		230											
		240											
		250											
	LHBLYN	260	0.80~20.00										
		270											
		280											
		290											
		300											
		310											
		320											
		330											
		340											
		350											
LHBLGASN		360	0.80~20.00										
		370											
		380											
		390											
		400											
		410											
		420											
		430											
		440											
		450											
	LHBLGAN	460	0.80~20.00										
		470											
		480											
		490											
		500											

Flat belts are weld-jointed before shipping.  
The connection areas may become slightly thicker: LHBLT, LHBLTWH by 0.5mm.

Ordering Example: Part Number - Belt Length L (m)  
Type | Belt Width | LHBLT 350 - 4.23

Type	Incline Angle	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
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	-	-	○	-	-	-	-	-	-	-

1-1357 ○: Best suited, ○: Applicable, △: May be applicable, -: Not applicable

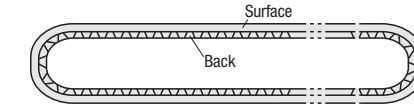
**Features:** Suitable for flat transfer of bulk goods due to the grainy surface.

Type	Color	Ply count	Surface Shape	Material		Friction Coefficient (Ref. Against Polished Steel)		Thickness mm	Unit Mass kg/m <sup>2</sup>	Allowable Tension N/mm	Min. Pulley Dia. Ømm	Knife Edge	Continuous Use Temperature °C
				Surface	Back	Front	Back						
				GBLG	Green	1	Grain (fine)						
GBLW	White	1	Grain (fine)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	1.0	0.9	4	15	R3	-30~100
GBLGSN	Green	2	Grain (fine)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	1.6	1.6	8	25	×	-30~100
GBLGDN	Green	2	Grain (thick)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	2.0	1.9	8	50(20) *1	×	-30~100
GBLWN	White	2	Grain (thick)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	2.0	1.9	8	50(20) *1	×	-30~100

\*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 +)		
		GBLG	GBLW	GBLGSN	GBLGDN	GBLWN	GBLG GBLW	GBLGSN GBLGDN GBLWN	
Type	Belt Width W (mm)	0.01m Increment							
GBLG	10	0.50~20.00							
	15								
	20								
	25								
	30								
	35								
	40								
	50								
	60								
	70								
	GBLW	75	0.80~20.00						
		80							
		90							
		100							
		110							
		120							
		125							
		130							
		140							
		150							
GBLGSN		160	0.80~20.00						
		170							
		180							
		190							
		200							
		210							
		220							
		230							
		240							
		250							
	GBLGDN	260	0.80~20.00						
		270							
		280							
		290							
		300							
		310							
		320							
		330							
		340							
		350							
GBLWN		360	0.80~20.00						
		370							
		380							
		390							
		400							
		410							
		420							
		430							
		440							
		450							
	GBLWN	460	0.80~20.00						
		470							
		480							
		490							
		500							

Flat belts are weld-jointed before shipping.

Type	Food hygienic properties	Antibacterial and Antifungal Property	Fray Prevention	Water / Moisture Resistance	Thermal Shrinkage Prevention	Surface Cleanability	Prevention of shrinkage due to imprinting	Sodium Hypochlorite Resistant	Anti-stick	Oil Resistance
GBLG	○	-	○	○	○	-	-	○	-	○
GBLW	○	○	○	○	○	-	-	○	-	○
GBLGSN	○	-	○	○	○	-	-	○	-	○
GBLGDN	○	-	○	○	○	-	-	○	-	○
GBLWN	○	○	○	○	○	-	-	○	-	○

○: Best suited, ○: Applicable, △: May be applicable, -: Not applicable

Ordering Example: Part Number - Belt Length L (m)  
Type | Belt Width | GBLG 350 - 4.23