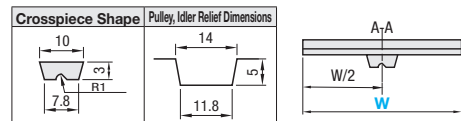


Flat Belts - With Meandering Prevention Crosspiece General Use

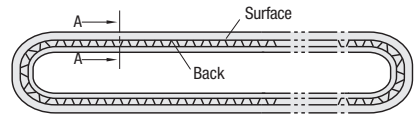
■ **General Purpose** - With Meandering Prevention Crosspiece: Suitable for ensuring the running straightness and strength against lateral forces. Used for transfer of wide range of items right from food to cardboard, metal and plastic. Excels in moist-heat resistance and prevents fray.

Type	Type No.	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	Continuous Use Temperature °C
					Surface	Back	Front	Back					
HBLTDSG	①	Green	1	Flat surface	Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	20	-30~80
HBLTDSW	②	White	1	Flat surface	Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	20	-30~80
HBLTDS	③	Green	2	Flat surface	Polyurethane	Polyester	0.8	0.2	1.4	1.5	8	25	-30~80
HBLTGSDSN	④	Green	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.9	8	50	-30~100
HBLBDSN	⑤	Sky Blue	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.3	3	20	-30~100
HBLYGDSN	⑥	Yellow Green	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(20) *1	-30~100
HBLTGCDN	⑦	Green	2	Flat surface	PVC	Polyester Canvas	1.0	0.2	1.8	1.9	8	30	-10~80
HBLTWCDN	⑧	White	2	Flat surface	PVC	Polyester Canvas	1.0	0.2	1.8	1.9	8	30	-10~80
HBLGDST	⑨	Green	3	Flat surface	PVC	Polyester Canvas	1.0	0.2	4.6	5	18	100	-10~80
HBLWDST	⑩	White	3	Flat surface	PVC	Polyester Canvas	1.0	0.2	4.6	5	18	100	-10~80
HBTDSN	⑪	Green	2	Flat surface	PVC	Polyester Canvas	1.0	0.2	3.4	3.7	8	75	-10~80

*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.

Old Specifications

Type	Thickness mm	Unit Mass kg/m ²	Min. Pulley Dia. Ømm
HBLTGCDN	2.1	2.3	50
HBLTWCDN	2.1	2.3	50
HBLGDST	5	5.7	120
HBLWDST	5	5.7	120
HBTDSN	3.6	4.1	100

Part Number		Belt Length L (m)	Body Price / m										Belt Jointing Charge (Body Price +)	
Type	Belt Width W 10mm Increment	0.01m Increment	① ②	③	④	⑤	⑥	⑦ ⑧	⑨ ⑩	⑪	① ② ③	④, ⑤, ⑥, ⑦, ⑧, ⑨, ⑩	⑪	⑨, ⑩
HBLTDSG HBLTDSW HBLTDS HBLTGSDSN HBLBDSN HBLYGDSN HBLTGCDN HBLTWCDN HBLGDST HBLWDST HBTDSN	50~90 100~190 200~290 300~400 410~500	0.50~20.00 (L≥Wx4)	HBLTDSG HBLTDSW	HBLTDS	HBLTGSDSN	HBLBDSN	HBLYGDSN	HBLTGCDN HBLTWCDN	HBLGDST HBLWDST	HBTDSN	HBLTDSG HBLTDSW HBLTDS	HBLTGSDSN, HBLBDSN HBLYGDSN, HBLTGCDN HBLTWCDN, HBTDSN	HBLGDST HBLWDST	

Belts with meandering prevention crosspiece are knife-edged and hence cannot be used.

Ordering Example	Part Number	-	Belt Length L (m)
	Type Belt Width		
	HBLTDS 350	-	4.23

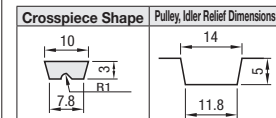
Type	Food hygienic properties	Antibacterial and Antifungal Property	Fray Prevention	Water / Moisture Resistance	Thermal Shrinkage Prevention	Surface Cleanability	Prevention of shrinkage due to impregnating	Sodium Hypochlorite Resistant	Anti-stick	Oil Resistance
HBLTDSG	○	-	○	○	○	-	-	○	-	○
HBLTDSW	○	-	○	○	○	-	-	○	-	○
HBLTDS	○	-	○	○	○	-	-	○	-	○
HBLTGSDSN	○	-	○	○	○	-	-	○	-	○
HBLBDSN	○	○	○	○	○	-	-	○	-	○
HBLYGDSN	○	-	○	○	○	-	-	○	-	○
HBLTGCDN	○ *1	-	○	-	-	-	-	○	-	○
HBLTWCDN	○ *1	-	○	-	-	-	-	○	-	○
HBLGDST	○ *1	-	-	-	-	-	-	○	-	○
HBLWDST	○ *1	-	-	-	-	-	-	○	-	○
HBTDSN	○ *1	-	○	-	-	-	-	○	-	○

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

Flat Belts - With Meandering Prevention Crosspiece For Sliding / For Inclined Transfer

■ **Sliding Features**: Suitable for ensuring the running straightness and strength against lateral forces. A canvas having lubricating ability in vertical direction is used. It is a belt for accumulation and alignment of transfer objects.

Type	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	Continuous Use Temperature °C
				Surface	Back	Front	Back					
SHBLTDSG	Green	1	-	Polyester	Polyester	0.2	0.2	0.6	0.4	4	20	-30~80
SHBLTDSW	White	1	-	Polyester	Polyester	0.2	0.2	0.6	0.4	4	20	-30~80
SHBLTDS	Green	2	-	Polyester	Polyester	0.2	0.2	1.3	1.1	8	40	-30~80
YSBLGDSN	Green	2	-	Polyester Canvas	Polyester Canvas	0.2	0.2	1.3	1.1	8	30	-30~100
YSBLWDSN	White	2	-	Polyester Canvas	Polyester Canvas	0.2	0.2	1.3	1.1	8	30	-30~100



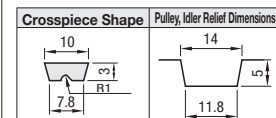
For Belt Tolerance, see P.1352

Part Number		Belt Length L (m)	Body Price / m				Belt Jointing Charge (Body Price +)	
Type	Belt Width W 10mm Increment	0.01m Increment	SHBLTDSG SHBLTDSW	SHBLTDS	YSBLGDSN	YSBLWDSN	SHBLTDSG SHBLTDSW SHBLTDS	YSBLGDSN YSBLWDSN
SHBLTDSG SHBLTDSW SHBLTDS YSBLGDSN YSBLWDSN	50~90 100~190 200~290 300~400 410~500	0.50~20.00 (L≥Wx4)						

■ **For Inclined Transfer Features**: Suitable for ensuring the running straightness and strength against lateral forces. 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 Standard	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	Continuous Use Temperature °C
						Surface	Back	Front	Back					
LHBLTDSG	①	15 or less	Green	1	Vertical groove	Polyurethane	Polyester	1.3	0.2	1.4	1	4	25	-30~80
LHBLTDSW	②	15 or less	White	1	Vertical groove	Polyurethane	Polyester	1.3	0.2	1.4	1	4	25	-30~80
LHBLWDSN	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
LHBLYADSN	④	15 or less	Gray	2	Shallow groove	PVC	Polyester Canvas	1.2	0.2	3.3	3.4	8	80	-10~70
LHBLGDSN	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
LHBLGADSN	⑥	20 or less	Green	2	Deep groove	PVC	Polyester Canvas	1.2	0.2	5.3	4.2	8	80	-10~70
LHBLGTDSN	⑦	20 or less	Green	2	Shallow groove	PVC	Polyester Canvas	1.1	0.2	5.5	6.5	12	80	-10~70
LHBLYTDSN	⑧	20 or less	Gray	2	Rough top	PVC	Polyester Canvas	1.1	0.2	5.5	6.5	12	80	-10~70
LHBLGYDSN	⑨	30 or less	Green	2	Herringbone	Special Thermoplastic Elastomer	Polyester Canvas	2.0	0.2	3.4	3.0	8	50	-10~60
LHBLYFDSN	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

Part Number		Belt Length L (m)	Body Price / m						Belt Jointing Charge (Body Price +)	
Type	Belt Width W 10mm Increment	0.01m Increment	① ②	④	⑤	⑥	⑦ ⑧	③, ⑨, ⑩	① ②	③~⑧
LHBLTDSG LHBLTDSW LHBLWDSN LHBLYADSN LHBLGDSN LHBLGADSN LHBLGTDSN LHBLYTDSN LHBLGYDSN LHBLYFDSN	50~90 100~190 200~290 300~400 410~500	0.50~20.00 (L≥Wx4)	LHBLTDSG LHBLTDSW	LHBLYADSN	LHBLGDSN	LHBLGADSN	LHBLGTDSN LHBLYTDSN	LHBLWDSN LHBLGYDSN LHBLYFDSN	LHBLTDSG LHBLTDSW	LHBLWDSN, LHBLYADSN LHBLGDSN, LHBLGADSN LHBLGTDSN, LHBLYTDSN LHBLGYDSN, LHBLYFDSN

Belts with meandering prevention crosspiece are knife-edged and hence cannot be used.

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 impregnating	Sodium Hypochlorite Resistant	Anti-stick	Oil Resistance
SHBLTDSG	○ *1	-	○	○	○	-	-	○	○	○
SHBLTDSW	○	-	○	○	○	-	-	○	○	○
SHBLTDS	○ *1	-	○	○	○	-	-	○	○	○
YSBLGDSN	○ *1	-	○	○	○	-	-	○	○	○
YSBLWDSN	○	-	○	○	○	-	-	○	○	○

Type	Standard Inclination	Food hygienic properties	Antibacterial and Antifungal Property	Fray Prevention	Water Resistance, Moist-Heat Resistance	Thermal Shrinkage Prevention	Surface Cleanability	Prevention of shrinkage due to impregnating	Sodium Hypochlorite Resistant	Anti-stick	Oil Resistance
LHBLTDSG	15 or less	○	-	○	-	-	-	-	-	-	○
LHBLTDSW	15 or less	○	-	○	-	-	-	-	-	-	○
LHBLWDSN	15 or less	○	-	○	-	-	-	-	-	-	○
LHBLYADSN	15 or less	○	-	○	-	-	-	-	-	-	○
LHBLGDSN	15 or less	○	-	○	-	-	-	-	-	-	○
LHBLGADSN	20 or less	○	-	○	-	-	-	-	-	-	○
LHBLGTDSN	20 or less	○	-	○	-	-	-	-	-	-	○
LHBLYTDSN	20 or less	○	-	○	-	-	-	-	-	-	○
LHBLGYDSN	30 or less	○	-	○	-	-	-	-	-	-	○
LHBLYFDSN	30 or less	○	-	○	-	-	-	-	-	-	○

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

Ordering Example	Part Number	-	Belt Length L (m)
	Type Belt Width		
	SHBLTDSG 350	-	4.23
	LHBLTDSG 350	-	4.23