

Flat Belts - With Meandering Prevention Crosspiece For Packaged Goods Transfer / For Electronic Parts Transfer

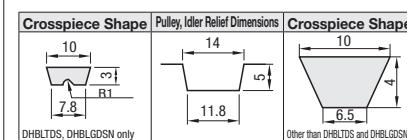
■ Features: Suitable for ensuring the running straightness and strength against lateral forces. Packaged goods can be transferred without any damage. Provided with antistatic finish. Suitable for conveyance of static-sensitive electronic components. (DHBLTDS/DHBLGDSN)

■ For Packaged Goods Transfer / For Electronic Parts Transfer
-With Meandering Prevention Crosspiece

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							
FBLGDS	Green	1	Flat surface	Suede Non-woven Fabric	Polyester Canvas	-	-	1.8	1.2	4	25	-5~60
FBLWDS	White	1	Flat surface	Suede Non-woven Fabric	Polyester Canvas	-	-	1.8	1.2	4	25	-5~60
FBLGDSN	Green	2	Flat surface	Suede Non-woven Fabric	Polyester Canvas	-	-	2.0	1.5	5	30	-5~60
FBLWDSN	White	2	Flat surface	Suede Non-woven Fabric	Polyester Canvas	-	-	2.0	1.5	5	30	-5~60
DHBLTDS	Black	1	Flat surface	Conductive Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	-30~80
DHBLGDSN	Black	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	-30~80

*1: Number in () is the value when allowable tension is 5N/mm.

- Flat belts are weld-jointed before shipping.
- I.D. will be the Belt Length.



For Belt Tolerance, see P.1352

Part Number		Belt Length L (m)	Body Price / m				Belt Jointing Charge (Body Price +)			
Type	Belt Width W	0.01m Increment	FBLGDS	FBLWDS	DHBLTDS	DHBLGDSN	FBLGDS	FBLWDS	DHBLTDS	DHBLGDSN
FBLGDS	50~90									
FBLWDS	100~190									
FBLGDSN	200~290	0.50~20.00 (L≥W×4)								
FBLWDSN	300~400									
DHBLTDS	410~500									
DHBLGDSN										

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

Circumference Lengths of FBLGDS, FBLWDS, FBLGDSN, FBWDSN are 0.70~

Type	Food Sanitation	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
FBLGDS	△	-	-	-	-	-	○	-	○	-
FBLWDS	△	-	-	-	-	-	○	-	○	-
FBLGDSN	△	-	-	-	-	-	○	-	○	-
FBLWDSN	△	-	-	-	-	-	○	-	○	-
DHBLTDS	-	-	○	-	-	-	-	-	-	○
DHBLGDSN	-	-	○	-	-	-	-	-	-	○

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

Part Number		Belt Length L (m)
Type	Belt Width (mm)	
FBLGDS	350	- 4.23
DHBLTDS	350	- 4.23

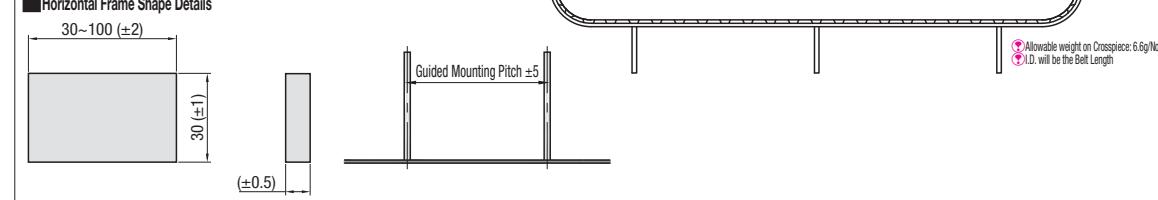
Flat Belts with Crosspieces

■ Features: Workpiece can be firmly received and transferred in inclined or flat transfer.

Type	Usage	Material		Color	Flat Belts				Crosspiece
		Surface	Back		Thickness mm	Allowable Tension N/mm	Unit Mass kg/m ²	Min. Pulley Dia. Ømm	
YBLTG	Inclined Transfer	Thermoplastic Polyurethane	Polyester Canvas	Green	4.6	1.3	1.5	50	-15~80
YBLTW	Flat Transfers	Thermoplastic Polyurethane	Polyester Canvas	White	6	1.2	1.3	50	-30~80

YBLTW (W) can be suitable for food transfer by matching the base material (belt) and the crosspieces. Green is not suitable.

Horizontal Frame Shape Details



* W Tolerance: ±2mm

Allowable weight on Crosspiece: 6.6g/No.

Allowable weight per crosspiece: 6.6g. W: will be the Belt Length.

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