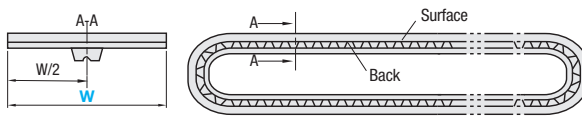
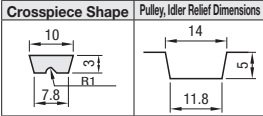


# Flat Belts - With Meandering Prevention Crosspiece Non-Adhesive / For Food Transfer

**Non-Adhesive Features:** Suitable for ensuring the running straightness and strength against lateral forces. Low adhesion belt surface is suitable for transferring objects with adhesive qualities.

Non-Adhesive - With Meandering Prevention Crosspiece	Type	Type No.	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	Continuous Use Temperature °C
						Surface	Back	Front	Back					
						NSHBLTDS	①	White	1					
NSHDSB	②	Sky Blue	1	Glossy surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	0.8	0.7	4	20	-30-100	
NSHBLGDS	③	Lime Green	1	Glossy surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	0.8	0.7	4	20	-30-100	
NSHBWDSN	④	White	2	Glossy surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(20)*1	-30-100	
NSHBDSN	⑤	Sky Blue	2	Glossy surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(20)*1	-30-100	
NSHBLGDSN	⑥	Lime Green	2	Glossy surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(20)*1	-30-100	
HFHBDG	⑦	Green	1	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	0.8	0.7	4	20	-30-100	
HFHBDG	⑧	White	1	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	0.8	0.7	4	20	-30-100	
HFHBDG	⑨	Green	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	1.4	1.4	8	30(20)*1	-30-100	
HFHBDG	⑩	White	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	1.4	1.4	8	30(20)*1	-30-100	
BHFHBDG	⑪	White	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	1.4	1.5	8	30(20)*1	-30-100	

\*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.

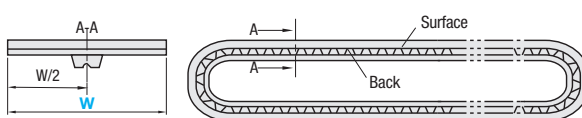
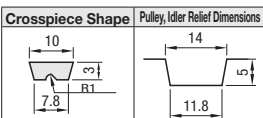
For Belt Tolerance, see **P.1352**

Part Number	Belt Length L (m)	Body Price / m											Belt Jointing Charge (Body Price + )		
		①	②③	④	⑤	⑥	⑦⑧	⑨⑩	⑪	①	⑦⑧	Other than ①, ⑦ and ⑧			
Type	Belt Width W 10mm Increment	0.01m Increment	NSHBLTDS	NSHDSB NSHBLGDS	NSHBWDSN	NSHBDSN	NSHBLGDSN	HFHBDG HFHBDG	HFHBDG HFHBDG	BHFHBDG	NSHBLTDS	HFHBDG HFHBDG	NSHDSB, NSHBLGDS, NSHBWDSN, NSHBDSN, NSHBLGDSN, HFHBDG, BHFHBDG		
NSHBLTDS	50-90	0.50-20.00 (L≥W×4)													
NSHDSB	100-190														
NSHBLGDS	200-290														
NSHBWDSN	300-400														
NSHBDSN	410-500														

**Food Conveyor Features:** Suitable for ensuring the running straightness and strength against lateral forces. Low adhesion belt surface is suitable for transferring objects with adhesive qualities.

Food Conveyor - With Meandering Prevention Crosspiece	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	Continuous Use Temperature °C
					Surface	Back	Front	Back					
					KBLDSW	White	1	Flat surface					
KBLTDSB	Sky Blue	1	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	0.8	0.7	4	20	-30-100	
KBLWDSN	White	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(20)*1	-30-100	
KBLWDSN	White	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.9	8	50	-30-100	
KBLWDSN	White	3	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	2.5	2.6	12	100	-30-100	
PHBLDSB	Sky Blue	1	Diamond	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.3	1.1	4	20	-30-100	
PHBLDSB	Sky Blue	2	Diamond	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.6	3	30	-30-100	
PHBLWDSN	White	2	Diamond	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.6	3	30	-30-100	

\*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 + )		
		KBLDSW	KBLTDSB	KBLWDSN	KBLWDSN	KBLWDSN	PHBLDSN	PHBLDSB	PHBLWDSN	KBLDSW KBLTDSB PHBLDSB	KBLWDSN KBLWDSN PHBLWDSN	KBLWDSN	
Type	Belt Width W 10mm Increment	0.01m Increment											
KBLDSW	50-90	0.50-20.00 (L≥W×4)											
KBLTDSB	100-190												
KBLWDSN	200-290												
KBLWDSN	300-400												
KBLWDSN	410-500												

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 impinging	Sodium Hypochlorite Resistant	Anti-stick	Oil Resistance
NSHBLTDS	○	○	○	○	○	○	○	○	○	○
NSHDSB	○	○	○	○	○	○	○	○	○	○
NSHBLGDS	○	○	○	○	○	○	○	○	○	○
NSHBWDSN	○	○	○	○	○	○	○	○	○	○
NSHBDSN	○	○	○	○	○	○	○	○	○	○
NSHBLGDSN	○	○	○	○	○	○	○	○	○	○
HFHBDG	○	○	○	○	○	○	○	○	○	○
HFHBDG	○	○	○	○	○	○	○	○	○	○
HFHBDG	○	○	○	○	○	○	○	○	○	○
HFHBDG	○	○	○	○	○	○	○	○	○	○
HFHBDG	○	○	○	○	○	○	○	○	○	○
BHFHBDG	○	○	○	○	○	○	○	○	○	○

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 impinging	Sodium Hypochlorite Resistant	Anti-stick	Oil Resistance
KBLDSW	○	○	○	○	○	○	○	○	○	○
KBLTDSB	○	○	○	○	○	○	○	○	○	○
KBLWDSN	○	○	○	○	○	○	○	○	○	○
KBLWDSN	○	○	○	○	○	○	○	○	○	○
KBLWDSN	○	○	○	○	○	○	○	○	○	○
PHBLDSB	○	○	○	○	○	○	○	○	○	○
PHBLDSN	○	○	○	○	○	○	○	○	○	○
PHBLWDSN	○	○	○	○	○	○	○	○	○	○

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



Part Number	Belt Length L (m)	
Type	Belt Width	
NSHBLTDS	350	4.23
KBLDSW	350	4.23