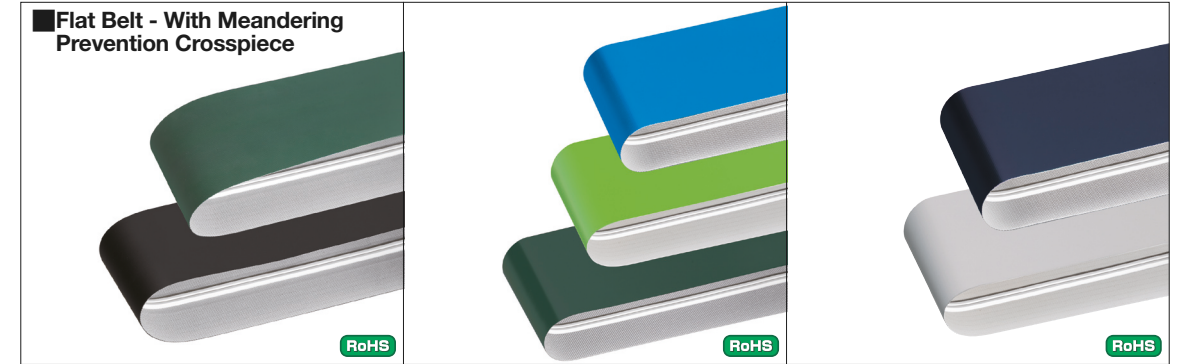
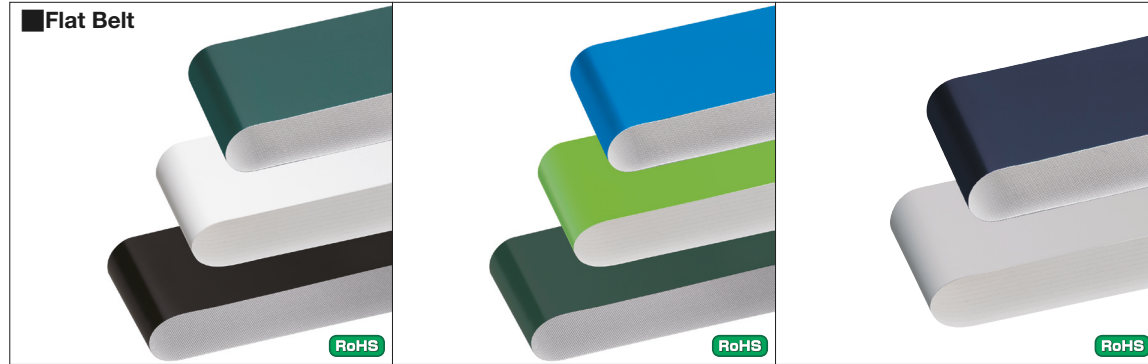


# Belt Specifications

Dedicated web site <http://fa.misumi.jp/cvs/>  
Conveyor selecting, component purchases, and easy search for maintenance parts are available.



Conveyors Belt Specification	Price Group	Applications	Type	Color	No. of Plies	Front Shape	Material		Friction Coefficient (Ref. against Cold Finished Steel)		Thickness mm	Unit Mass kg/m <sup>2</sup>	Allowable Tension N/mm	Min. Pulley Dia. Ømm	Knife Edge mm	Continuous Use Temperature °C	
							Front	Back	Front	Back							
H	Standard Belt	General Purpose	HBLT	Green	1	Flat	Polyurethane	Polyester	0.2	0.1	0.9	1	4	25	R5	-30~80	
W	Standard Belt		HBLTWH	White	1	Flat	Polyurethane	Polyester	0.15	0.1	0.9	1	4	25	R5	-30~80	
HG	Standard Belt		HBLTG	Green	1	Flat	Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	R3	-30~80	
HGN	Optional Belt 2		HBLTGDN	Green	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.9	8	50	-	-30~100	
HBN	Optional Belt 2		HBLBN	Sky Blue	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.3	3	15	R3	-30~100	
HY	Optional Belt 2		HBLYGN	Yellow Green	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	(R3)*1	-30~100	
HGT	Optional Belt 2		HBLTGCN	Green	2	Flat	PVC	Polyester Canvas	1.0	0.2	2.1	2.3	8	50	-	-10~80	
HWT	Optional Belt 2		HBLTWCN	White	2	Flat	PVC	Polyester Canvas	1.0	0.2	2.1	2.3	8	50	-	-10~80	
G	Standard Belt		For Sliding	SHBLTG	Green	1	-	Urethane-impregnated	Polyester	0.15	0.1	0.5	0.5	4	25	R3	-10~80
S	Standard Belt			SHBLT	White	1	-	Urethane-impregnated	Polyester	0.1	0.1	0.5	0.5	4	25	R3	-10~80
YSG	Optional Belt 2	YSBLGN		Green	2	-	Polyester Canvas	Polyester Canvas	0.2	0.2	1.3	1.1	8	30	-	-30~100	
YSW	Optional Belt 2	YSBLWN		White	2	-	Polyester Canvas	Polyester Canvas	0.2	0.2	1.3	1.1	8	30	-	-30~100	
LG	Standard Belt	LHBLT*2		Green	1	Vertical Grooves	Soft Polyurethane	Polyester	1.7	0.1	1.5	1.6	4	30	-	-10~80	
LW	Standard Belt	For Inclined Transfer	LHBLTW*2	White	1	Vertical Grooves	Soft Polyurethane	Polyester	1.7	0.1	1.5	1.6	4	30	-	-10~80	
LWN	Optional Belt 2		LHBLWN*2	White	2	Vertical Grooves	Thermoplastic Polyurethane	Polyester Canvas	1.6	0.2	2.3	2.2	8	50(25)*1	-	-30~80	
LGN	Optional Belt 2		LHBLGN*3	Green	2	Herringbone	Special Thermoplastic Elastomer	Polyester Canvas	2.0	0.2	3.4	3.0	8	50	-	-10~60	
LYN	Optional Belt 2		LHBLFN*3	Gray	2	Herringbone	Special Thermoplastic Elastomer	Polyester Canvas	2.0	0.2	3.4	3.0	8	75(50)*1	-	-10~60	
GG	Optional Belt 1		Grip Specification	GBLG	Green	1	Grain (Thin)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	1.0	0.9	4	15	R3	-30~100
GW	Optional Belt 2	GBLW		White	1	Grain (Thin)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	1.0	0.9	4	15	R3	-30~100	
GSN	Optional Belt 2	GBLGSN		Green	2	Grain (Thin)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	1.6	1.6	8	25	-	-30~100	
GGN	Optional Belt 2	GBLGDN		Green	2	Grain (Thick)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	2.0	1.9	8	50(20)*1	-	-30~100	
GWN	Optional Belt 2	GBLWN		White	2	Grain (Thick)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	2.0	1.9	8	50(20)*1	-	-30~100	
OH	Standard Belt	OHLBTG		Green	1	Flat	Oil-Resistant Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	R3	-30~80	
OG	Standard Belt	OHLBTGN		Green	2	Flat	Oil-Resistant Polyurethane	Polyester	0.8	0.2	1.4	1.5	8	25	(R3)*1	-30~80	
O	Standard Belt	OHLBT		Navy Blue	1	Flat	Oil Resistant PVC	Polyester	0.3	0.1	1	1.1	4	25	-	5~60	
OW	Optional Belt 1	OHLBTW		White	1	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	0.8	0.7	4	15	R3	-30~80	
ON	Optional Belt 2	OHLBN		White	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	(R3)*1	-30~80	
N	Standard Belt	Oil Resistant	NSHBLT	White	1	Flat	Polyurethane	Polyester	0.2	0.15	0.9	1	3.5	25	R5	-10~80	
NS	Standard Belt		NSHBLTS	White	1	Glossy	Polyurethane	Polyester	0.6	0.2	0.8	0.7	4	15	R3	-10~80	
NB	Optional Belt 1		NSHB	Sky Blue	1	Glossy	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	0.8	0.7	4	15	R3	-30~100	
NBG	Optional Belt 1		NSHBLG	Lime Green	1	Glossy	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	0.8	0.7	4	15	R3	-30~100	
NWN	Optional Belt 2		NSHBWN	White	2	Glossy	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	(R3)*1	-30~100	
NSN	Optional Belt 2		NSHBN	Sky Blue	2	Glossy	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	(R3)*1	-30~100	
NGN	Optional Belt 2		NSHBLGN	Lime Green	2	Glossy	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	(R3)*1	-30~100	
HH	Optional Belt 1		HFHBG	Green	1	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	0.8	0.7	4	15	R3	-30~100	
HW	Optional Belt 1		HFHBW	White	1	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	0.8	0.7	4	15	R3	-30~100	
HBG	Optional Belt 2		HFHBGN	Green	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	1.4	1.4	8	30(15)*1	(R3)*1	-30~100	
HBW	Optional Belt 2	HFHBWN	White	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	1.4	1.4	8	30(15)*1	(R3)*1	-30~100		
BW	Optional Belt 2	BHFHBWN	White	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.4	0.2	1.4	1.5	8	30(15)*1	(R3)*1	-30~100		
F	Standard Belt	Non-stick Specification	FHBLT	White	1	Flat	Polyurethane	Polyester	0.2	0.15	0.8	0.9	3.5	20	R3	-10~80	
KW	Optional Belt 1		KBLW	White	1	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	0.8	0.7	4	15	R3	-30~100	
KSB	Optional Belt 1		KBLT	Sky Blue	1	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	0.8	0.7	4	15	R3	-30~100	
KWN	Optional Belt 2		KBLWSN	White	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	(R3)*1	-30~100	
KDN	Optional Belt 2		KBLWDN	White	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.9	8	50	-	-30~100	
PHB	Optional Belt 1		PHBLB	Sky Blue	1	Diamond	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.3	1	4	20	-	-30~100	
PHN	Optional Belt 2		PHBLBN	Sky Blue	2	Diamond	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.6	3	30	-	-30~100	
PWN	Optional Belt 2		PHBLWN	White	2	Diamond	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.6	3	30	-	-30~100	
D	Standard Belt		For Electronic Parts Transfer	DHBLT	Black	1	Flat	Electrically Conductive Polyurethane	Polyester	0.2	0.1	0.6	0.7	3	25	R3	-10~80
DS	Standard Belt			DHBLTS	Black	1	Flat	Electrically Conductive Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	R3	-10~80
DG	Optional Belt 2	DHBLGN		Black	2	Flat	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. \*2: An angle of inclination for LHBLT, LHBLTW, and LHBLWN should be 15 degrees or less. \*3: An angle of inclination for LHBLGN and LHBLFN should be 30 degrees or less.

Conveyors Belt Specification	Price Group	Applications	Type	Color	No. of Plies	Front Shape	Material		Friction Coefficient (Ref. against Cold Finished Steel)		Thickness mm	Unit Mass kg/m <sup>2</sup>	Allowable Tension N/mm	Min. Pulley Dia. Ømm	Knife Edge mm	Continuous Use Temperature °C	
							Front	Back	Front	Back							
H	Standard Belt	General Purpose	HBLTDSG	Green	1	Flat	Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	-	-30~80	
W	Standard Belt		HBLTDSW	White	1	Flat	Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	-	-30~80	
HDS	Standard Belt		HBLTDS	Green	2	Flat	Polyurethane	Polyester	0.8	0.2	1.4	1.5	8	25	-	-30~80	
HGN	Optional Belt 2		HBLTGSDSN	Green	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.9	8	50	-	-30~100	
HBN	Optional Belt 2		HBLBDSN	Sky Blue	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.3	3	15	-	-30~100	
HY	Optional Belt 2		HBLYGDSN	Yellow Green	2	Flat	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(15)*1	-	-30~100	
HGT	Optional Belt 2		HBLTGSDSN	Green	2	Flat	PVC	Polyester Canvas	1.0	0.2	2.1	2.3	8	50	-	-10~80	
HWT	Optional Belt 2		HBLTWCDSN	White	2	Flat	PVC	Polyester Canvas	1.0	0.2	2.1	2.3	8	50	-	-10~80	
G	Standard Belt		For Sliding	SHBLTDSG	Green	1	-	Polyester	Polyester	0.2	0.2	0.6	0.4	4	20	-	-30~80
S	Standard Belt			SHBLTDSW	White	1	-	Polyester	Polyester	0.2	0.2	0.6	0.4	4	20	-	-30~80
SN	Standard Belt	SHBLTDS		Green	2	-	Polyester	Polyester	0.2	0.2	1.3	1.1	8	40	-	-30~80	
YSG	Optional Belt 2	YSBLGDSN		Green	2	-	Polyester Canvas	Polyester Canvas	0.2	0.2	1.3	1.1	8	30	-	-30~100	
YSW	Optional Belt 2	YSBLWDSN		White	2	-	Polyester Canvas	Polyester Canvas	0.2	0.2	1.3	1.1	8	30	-	-30~100	
LTG	Standard Belt	For Inclined Transfer	LHBLTDSG*2	Green	1	Vertical Grooves	Polyurethane	Polyester	1.3	0.2	1.4	1	4	25	-	-30~80	
LTW	Standard Belt		LHBLTDSW*2	White	1	Vertical Grooves	Polyurethane	Polyester	1.3	0.2	1.4	1	4	25	-	-30~80	
LWN	Optional Belt 2		LHBLWDSN*2	White	2	Vertical Grooves	Thermoplastic Polyurethane	Polyester Canvas	1.6	0.2	2.3	2.2	8	50(25)*1	-	-30~80	
LGN	Optional Belt 2		LHBLGSDSN*3	Green	2	Herringbone	Special Thermoplastic Elastomer	Polyester Canvas	2.0	0.2	3.4	3.0	8	50	-	-10~60	
LYN	Optional Belt 2		LHBLYFDSN*3	Gray	2	Herringbone	Special Thermoplastic Elastomer	Polyester Canvas	2.0	0.2	3.4	3.0	8	75(50)*1	-	-10~60	
GG	Optional Belt 2	Grip Specification	GBLDSG	Green	1	Grain (Thin)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	1.0	0.9	4	15	-	-30~100	
GW	Optional Belt 2		GBLDSW	White	1	Grain (Thin)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	1.0	0.9	4	15	-	-30~100	
GSN	Optional Belt 2		GBLGSN	Green	2	Grain (Thin)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	1.6	1.6	8	25	-	-30~100	
GGN	Optional Belt 2		GBLGDSN	Green	2	Grain (Thick)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	2.0	1.9	8	50(20)*1	-	-30~100	
GWN	Optional Belt 2		GBLWDSN	White	2	Grain (Thick)	Thermoplastic Polyurethane	Polyester Canvas	0.7	0.2	2.0	1.9	8	50(20)*1	-	-30~100	
O	Standard Belt		Oil Resistant	OHLTDSG	Green	1	Flat	Oil-Resistant Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	15	-	-30~80
OG	Standard Belt			OHLTDS	Green	2	Flat	Oil-Resistant Polyurethane	Polyester	0.8	0.2	1.4	1.5	8	25	-	-30~80
OW	Optional Belt 1			OHLTDSW	White	1	Flat	Thermoplastic Polyurethane	Polyester	0.6	0.2	0.8	0.7	4	15	-	-30~80
ON	Optional Belt 2			OHLGDSN	White	2	Flat	Thermoplastic Polyurethane	Polyester	0.6	0.2	1.4	1.5	8	25(15)*1	-	-30~80
N	Standard Belt			NSHBLTDS	White	1	Glossy										