

Open End Belts - Polyurethane / Chloroprene Rubber

■ For Application examples, see [P.1478](#).
 ■ For Connection Fittings, refer to [P.1483](#).

Type	Material	
	Main Body	Core Wire
TBOG, HTBOG, PTBOG	Chloroprene Rubber (Black)	Glass Cord
TBO, HTBO, TTBO	Polyurethane (White)	Steel Cord

Belt Type	Pitch	2θ(°)	H	h	i	L	Unit Mass g/m (Width: 10mm)	
							Chloroprene Rubber	Polyurethane
XL	5.08	50°	2.25	1.25	1.0	1.35	26.77	22.17
L	9.525	40°	3.5	1.9	1.6	3.2	37.8	36.22
H	12.7	40°	4.3	2.3	2.0	4.4	52.36	41.22
T5	5	40°	2.2	1.2	1.0	1.8	-	22.1
T10	10	40°	4.5	2.5	2.0	3.5	-	47.6
AT5	5	50°	2.7	1.2	1.5	2.5	-	32.0
AT10	10	50°	4.5	2.5	2.0	5	-	58.6

Belt Type	Pitch	Ra	Lr	H	h	i	PLD	Unit Mass g/m (Width: 10mm)	
								Chloroprene Rubber	Polyurethane
S3M	3	1.95	1.95	2.10(2.00)	1.14	0.96(0.86)	0.381	-	24.3
S5M	5	3.25	3.25	3.61(3.20)	1.91(1.77)	1.70(1.43)	0.480	38.8	34.6
S8M	8	5.20	5.20	5.30(5.00)	3.05(2.85)	2.25(2.15)	0.686	55.2	57.6

Ⓢ Dimensions in () are for Polyurethane.

Ⓢ Operating Temp: -20~80°C (Reference Value)
 Ⓢ For the belt design data, see [P.2253](#).

Belt Type	Pitch	ℓ	H	h	PLD	r	Unit Mass g/m (Width: 10mm)	
							Chloroprene Rubber	Polyurethane
P5M	5	3.25	3.6	1.81	0.571	0.5	-	41.0
P8M	8	5.2	5.5	2.9	0.686	0.8	-	56.0

Type	Belt Type	Belt Nominal Width	Number of Teeth Lower Limit - Upper Limit	Belt Width (mm)		Allowable Tension (N)		Applicable Metal Joint	Unit Price 1-30pc(s).	
				Chloroprene Rubber	Polyurethane	Chloroprene Rubber	Polyurethane			
TBOG (Chloroprene Rubber) TBO (Polyurethane)	XL	025	30-3937	6.4	-	66	-	TBCK-XL025	-	-
		037		9.5	47	102	-	TBCK-XL037	-	-
		050		12.7	70	142	-	TBCK-XL050	-	-
	L	050	30-2099	12.7	95	259	-	TBCK-L050	-	-
		075		19.1	165	387	-	TBCK-L075	-	-
		100		25.4	-	519	-	TBCK-L100	-	-
	H	075	45-1574	19.1	-	397	-	TBCK-H075	-	-
		100		25.4	-	529	-	TBCK-H100	-	-
		150		38.1	-	799	-	TBCK-H150	-	-
	200		50.8	-	1093	-	TBCK-H200	-	-	
HTBOG (Chloroprene Rubber) HTBO (Polyurethane)	S3M	060	40-6666	6	-	127	-	TBCK-S3M060	-	-
		100		10	-	106	-	TBCK-S3M100	-	-
		150		15	-	159	-	TBCK-S3M150	-	-
	S5M	100	50-4000	10	310	215	-	TBCK-S5M100	-	-
		150		15	490	323	-	TBCK-S5M150	-	-
		250		25	-	539	-	TBCK-S5M250	-	-
	S8M	150	60-2500	15	-	647	-	TBCK-S8M150	-	-
		250		25	950	1176	-	TBCK-S8M250	-	-
		300		30	-	1412	-	TBCK-S8M300	-	-
	400		40	-	1882	-	TBCK-S8M400	-	-	
PTBOG (Chloroprene Rubber)	P5M	100	50-4000	10	287	-	-	TBCK-S5M100	-	-
		150		15	456	-	-	TBCK-S5M150	-	-
		250		25	817	-	-	TBCK-S5M250	-	-
	P8M	150	60-2500	15	606	-	-	TBCK-S8M150	-	-
		250		25	1060	-	-	TBCK-S8M250	-	-
TTBO (Polyurethane)	T5	100	40-4000	10	-	112	-	TBCK-T5100	-	-
		150		15	-	166	-	TBCK-T5150	-	-
		200		20	-	225	-	TBCK-T5200	-	-
		250		25	-	284	-	TBCK-T5250	-	-
		150		15	-	299	-	TBCK-T10150	-	-
		200		20	-	397	-	TBCK-T10200	-	-
	T10	250	40-2000	25	-	529	-	TBCK-T10250	-	-
		300		30	-	627	-	TBCK-T10300	-	-
		400		40	-	862	-	TBCK-T10400	-	-
		500		50	-	1064	-	TBCK-T10500	-	-
		100		10	-	147	-	TBCK-AT5100	-	-
		150		15	-	221	-	TBCK-AT5150	-	-
	AT5	150	40-4000	15	-	469	-	TBCK-AT10150	-	-
		200		20	-	625	-	TBCK-AT10200	-	-
		250		25	-	781	-	TBCK-AT10250	-	-
		100		10	-	147	-	TBCK-AT5100	-	-
		150		15	-	221	-	TBCK-AT5150	-	-
		200		20	-	469	-	TBCK-AT10150	-	-
AT10	200	40-2000	20	-	625	-	TBCK-AT10200	-	-	
	250		25	-	781	-	TBCK-AT10250	-	-	

Ⓢ Overall Length: Number of Teeth x Pitch. Ⓢ kgf=Nx0.101972

Ⓢ For orders larger than indicated quantity, please request a quotation.

Ordering Example		Part Number			Number of Teeth
Type	Belt Type	Belt Nominal Width			
TBO	- H	100	-	1100	
HTBOG	- S5M	100	-	500	
TTBO	- AT5	150	-	1200	