

Polyurethane Round Belts

-Welded Joints / Open End / Hollow Rope-

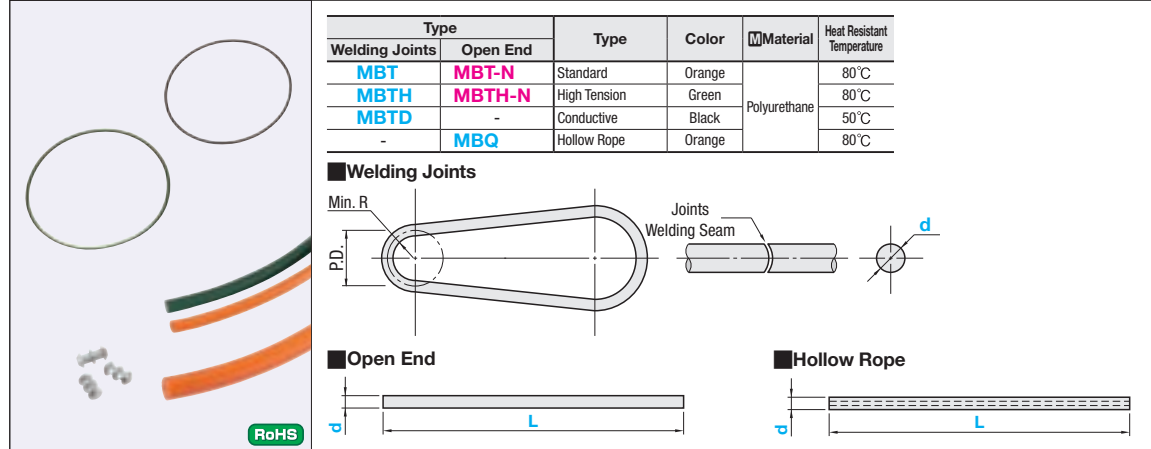
Reduced
Days to Ship

Polyurethane Round Belts

-Seamless-

Reduced
Days to Ship

For Features, refer to the Next page.



Welded Joints Standard / High Tension / Conductive

Part Number	Type	d	L (Belt Length) Specify in 1mm Increment	Unit Price	Min. L ~ 500	L501~1000	L1001~2000	L2001~3000	L3001~4000	L4001~5000	L5001~6000
Standard MBT		2	100~2000								
		3	100~3000								
		4	100~4000								
		5	135~5000								
		6	140~6000								
		8	190~6000								
		10	250~6000								
High Tension MBTH		2	100~2000								
		3	100~3000								
		4	100~4000								
		5	135~5000								
		6	140~6000								
Conductive MBTD		3	200~3000								
		4	200~4000								
		5	200~5000								

Open End

Part Number	Type	d	L (Belt Length) 1m Increment	Unit Price/m	MBT-N	MBTH-N
Standard MBT-N		1.5				
		2				
		2.5				
		3				
		3.5				
		4				
		5				
High Tension MBTH-N		6	10~20			
		7				
		8				
		9				
		10				
		12				
		15				

Hollow Rope

Part Number	Type	d	L 1m Increment	Unit Price/m	Applicable Metal Joint
MBQ		5	1 ~ 20		MBQC5
		6			MBQC6

Metal Joints for Hollow Ropes

Part Number	Type	d	Material	Unit Price per Package (10 Pcs. per Package)
MBQC		5	5052 Aluminum Alloy	
		6		

Order Example
Part Number - L
MBT5 - 150
MBTH-N6 - 12
MBQ6 - 5
MBQC5

Price

Days to Ship

-MBQ / MBQC

6 Days Non-Returnable P88

ExpressA \$5.00/piece 88

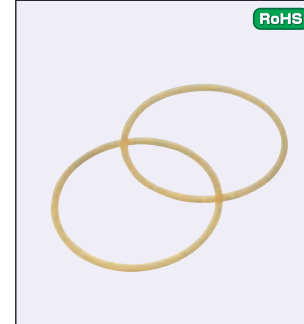
A flat charge of \$13.50 for 3 or more identical pieces.

-MBT / MBTH / MBTD / MBT-N / MBTH-N

8 Days Non-Returnable P88

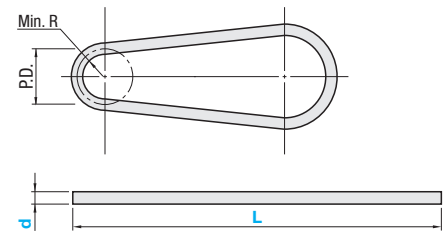
Express B \$2.00/piece 88

A flat charge of \$5.40 for 3 or more identical pieces.



RoHS

Type	Type	Color	Material	Heat Resistant Temperature
MBN	Seamless	Natural Color	Polyurethane	70°C



Seamless

Part Number	Type	d	Belt Length L (mm)	Unit Price
MBN		2	100	
			125	
			140	
			160	
			170	
			180	
			190	
			200	
			239	
			250	
		3	150	
			160	
			170	
			180	
			200	
MBN		4	200	
			225	
			250	
			258	
			275	
			290	
			305	
			390	
			225	
		5	250	
			275	
			290	
			305	
			330	
		6	348	
			380	
			440	
			460	



Order Example
Part Number - L
MBN2 - 100



Days to Ship
3 Days 87



Price

Features of Polyurethane Round Belts

-Minimum P.D. of Pulleys (mm)

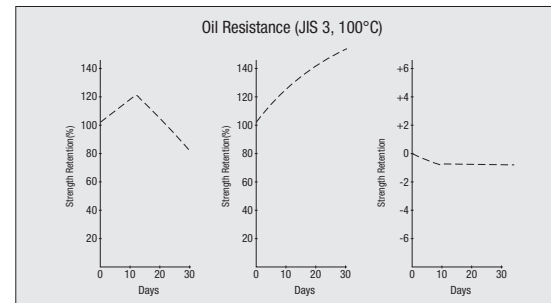
d	Cross Section Area mm ²	MBT / MBN	MBTH	MBTD	MBQ
2	3.14	15	20	-	-
3	7.07	20	30	30 (40)*	-
4	12.57	30	40	40 (50)*	-
5	19.63	40	50	50 (60)*	40
6	28.27	50	60	-	50
8	50.24	70	80	-	-
10	78.5	90, 95	100	-	-

*Values in () are the min. P.D. when using by turning 90°.

-Physical Properties

Item	Test Method	Unit	MBT	MBTH	MBN
Specific Gravity	-	-	1.22	1.22	1.26
Hardness	JIS A		88	92	72
5% Modulus		N/mm ²	1.2	2.0	0.44
10% "			1.8	3.1	0.88
100% "			6.3	8.8	6.0
300% "			16.9	14.7	9.0
Tensile Strength			24.5 or more	32.4 or more	30 or more
Tensile Elongation at Breakage		%	400 or more	400 or more	600 or more
Tear Strength		kN/mm ²	88	93	90 or more

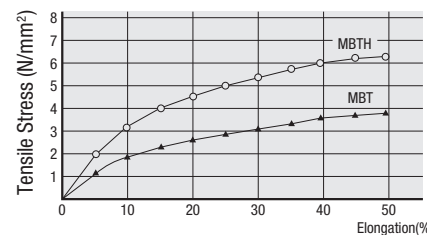
-Oil Resistance



-Tensile Strength (N)-Shows the tensile strength (N) when belt is extended (elongation:%)

d	MBT 5%	MBTH 5%	MBTD 8%	MBN 8%	MBQ 5%
2	1.9	2.8	-	1.274	-
3	4.1	6.2	13.0	2.940	-
4	7.4	11.1	22.0	5.292	-
5	12.5	18.7	33.0	8.232	24.5
6	16.6	24.9	-	-	44.1
8	29.4	44.1	-	-	-
10	46.2	69.3	-	-	-

-Tensile Stress (Low Elongation)



-Temperature Dependency of Tensile Strength, Stretch and Surface Hardness

