

Polyurethane Round Belts

-Welded Joints / Open End / Hollow Rope-

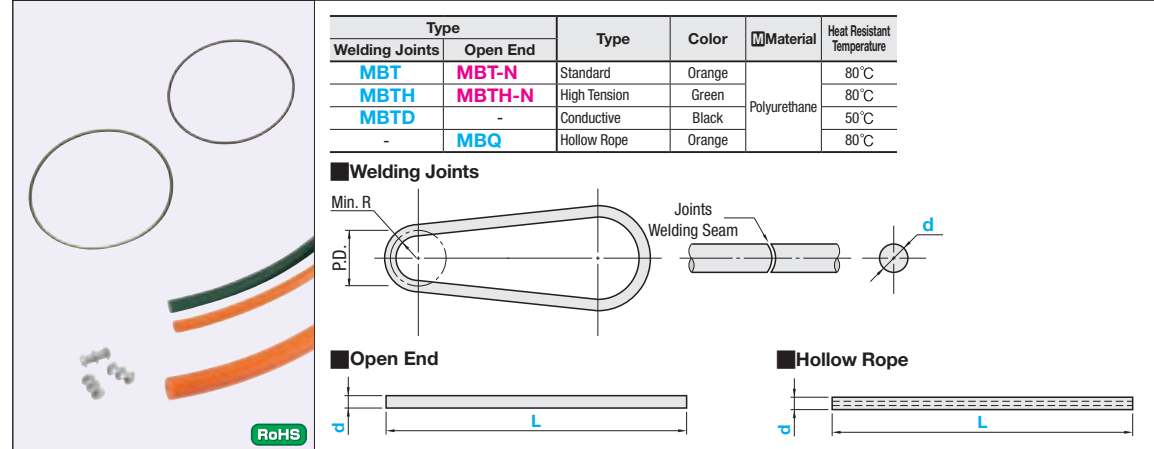
Reduced Days to Ship

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

ExpressA \$5.00/piece

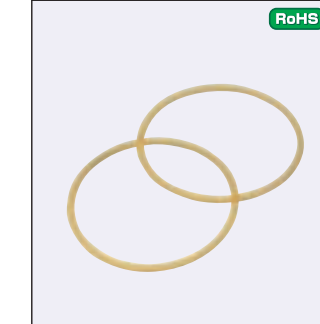
A flat charge of \$13.50 for 3 or more identical pieces.

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

8 Days

ExpressB \$2.00/piece

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

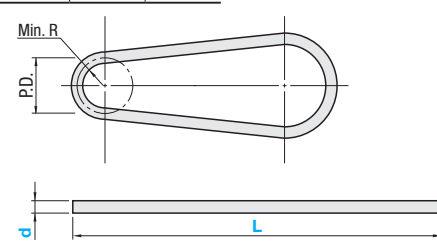


Seamless

Part Number Type	d	Belt Length L (mm)	Unit Price
MBN	2	100	
		125	
		140	
		160	
		170	
		180	
		190	
	3	200	
		239	
		250	
		150	
		160	
		170	
		180	
		200	
		213	
		223	
		236	
		250	
		260	
		290	
		305	
		390	

RoHS

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



Part Number - L

MBN2 - 100



3 Days



Price

Features of Polyurethane Round Belts

-Minimum P.D. of Pulleys (mm)

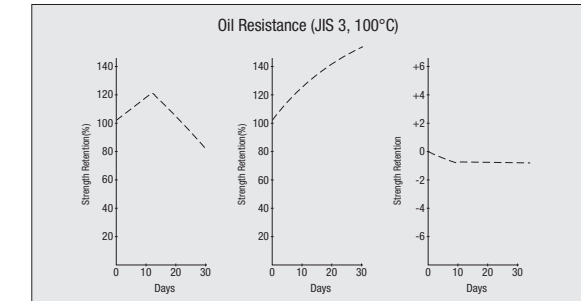
d	Cross Section Area mm ²	Minimum P.D. of Pulleys			
		MBT / MBN	MBTH	MBTD	MBQ
2	3.14	15	20	-	-
3	7.07	20	30	30 (40)*	-
4	12.57	30	40	40 (50)*	-
5	19.63	40	50	50 (60)*	40
6	28.27	50	60	-	50
8	50.24	70	80	-	-
10	78.5	90, 95	100	-	-

*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	JIS K 6301	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

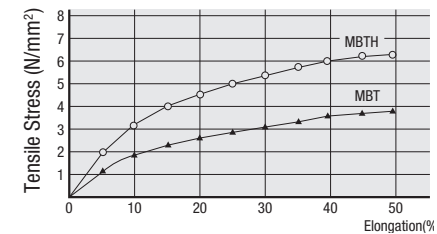
-Oil Resistance



-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

