


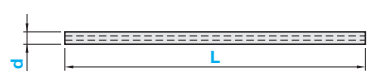
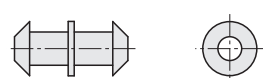
■ **Features:** Simple endless connection is possible when cross section is hollow shape and by inserting a dedicated metal jointing parts. Can be replaced without disassembling the unit.

■ **Open End (Hollow Type)**



Type	Type	Color	Material	Heat Resistant Temperature
MBQ	Hollow Rope	Orange	Polyurethane	80°C
MBQC	Metal Joints for Hollow Ropes Joint Hardware	-	A5052	-

☞ MBQC satisfies the food and hygiene standard in accordance to the Notice No. 434 of Japanese Ministry of Health and Welfare.

Part Number	L (Circumference Length)	Minimum P.D. of Pulleys	5% Tensile Strength (%)	Applicable Clamp Plates Connecting Hardware Joint Hardware	Unit Price/m
Type	d	1mm Increment			
MBQ	5	1~20	40	MBQC5	
	6		50	MBQC6	


(How to Connect)
Cut the round belt in the length 5% shorter than the calculated or actual measured length with a knife at a right angle. Hold the dedicated metal joint MBQC by using a pair of pliers. Insert the metal joint up to the center of the hollow belt end. To help the insertion in a cold season, warm the belt by immersing in warm water of 40°C for 1 ~ 2 minutes. Be sure not to damage the edge of the metal joint. Insert the metal joint into the other side of the belt.



Part Number	Material	Unit Price per Package (10 pcs./pkg.)
Type	d	
MBQC	5	A5052
	6	


■ **Features:** Belt cut in meters. Endless jointing is not applied.

■ **Open End (Solid Type)**



Type	Type	Color	Material	Heat Resistant Temperature
MBT-N	Standard	Orange	Polyurethane	80°C
MBTH-N	High Tensile Strength	Green	Polyurethane	80°C

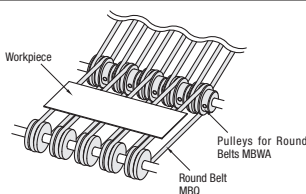
☞ Both MBT-N and MBTH-N satisfy the Food Hygienic Regulations.



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



Example



Ordering Example
Part Number - L
MBTH-N6 - 12

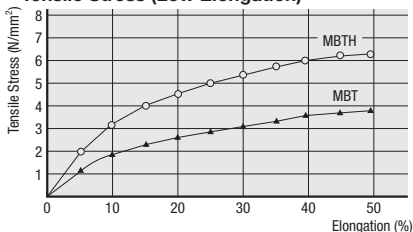
■ **Features of Polyurethane Round Belts**

• **Physical Properties**

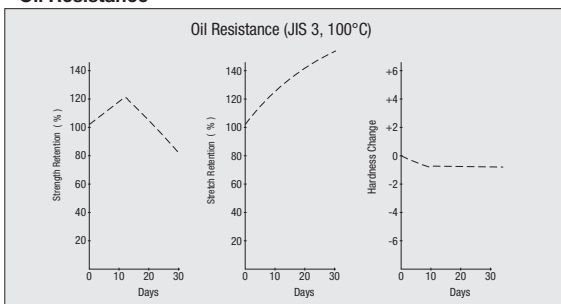
$$kgf = N \times 0.101972$$

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% Modulus			1.8	3.1	0.88	
100% Modulus			6.3	8.8	6.0	
300% Modulus			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	

• **Tensile Stress (Low Elongation)**



• **Oil Resistance**



• **Temperature Dependency of Tensile Strength, Stretch and Surface Hardness**

