



SL-M4100

for Logistics and General Conveyance Applications

No. of Plies	Weight (Kg/m ²)	Total Thickness (mm)	Minimum pulley diameter (mm) Knife edge			Belt support			Top friction coefficient	Backside friction coefficient	Unpackaged food	Non-fray	incline	Low noise	Applicable operating temperature (°C)	Maximum applicable width (mm)	Previous product remarks
			Finger	Hot lap	Cold lap	Table	Roller	Trough									
1	0.9	0.8	15/R3	25/R8	30	○	○	✗	0.3	0.1	○	-	△	○	-10~80	600	4MUWE HO

○: Suitable (functional) △: May be suitable. Please contact Bando or your distributor. ✗: Not suitable - : Not functional
 Hot joint is recommended. Delicate fabric material is used, and unprocessed belt edge and cold joint may result in unstable joint strength.

M Series Belts for Logistics and General Conveyance Applications

Inclined conveyance

Belts with coarse or friction-resistant surfaces are available for inclined conveyance without cleats. Normally, belts with higher friction coefficients can convey at higher angles, but exposure to dust, dirt and moisture may lower performance. SL-MC300 and SL-MC400 ("Mr. Climber") have a high friction coefficient and are resistant to dirt.

Low noise capability

The low noise specification uses a softened belt backside to reduce the abrasive sound generated when the belt touches the belt support, such as an iron plate. The effect is normally about 5db, but this depends on the conveyor, the operating environment and peripheral equipment. Please consider these factors, and consult with Bando or your distributor for effectiveness in a specific application.

Sliding of objects on belts

High-hardness polyurethane-covered models and models with an uncoated canvas surface are often used in applications where the object being transported must be able to slide on the belt, for example to allow alignment, ejection, or quantity-based arrangement of objects. Anti-stick polyurethane models are also sometimes used in such applications. The ease with which transported objects slide on the belt is affected by factors such as the belt's surface material and shape. If necessary, you can use a sample to check the ease with which your application's transported object slides on the belt.



Front Side



Back Side

