



TPU BELTS

THERMOPLASTIC POLYURETHANE

LRB-77 LIVE ROLLER DRIVE BELT

HIGH SPEED AND DURABLE INTRALOGISTICS BELT SOLUTIONS

Our advancements in materials science, design engineering and processing technologies allow Gates TPU to deliver another high quality and performance live roller belt for high speed zero-pressure accumulation conveyors. Our LRB-77 drive belt is designed to meet the stringent specifications of the original equipment manufacturer (OEM).

The LRB-77 belt was designed in collaboration with the OEM and has a proven record of excellent performance for nearly a decade. It is now available for your maintenance and replacement needs from Gates TPU. The integrated v-guide on the LRB-77 belt is designed specifically for the OEM's pressure roller groove ensuring an accurate fit and proper belt tracking.

The LRB-77 belt combines the durability of top-quality with a reliable partnership, making Gates the number one choice for live roller belts. You can be confident in LRB-77 reliability for your high speed roller drives.

FEATURES + BENEFITS

- Abrasion resistant polyurethane provides proper drive force to carrier rollers along with long belt life
- Aramid tensile members maintain proper tension and provide long belt life
- V-guide geometry is designed for OEM pressure rollers ensuring proper belt tracking
- Available in 500ft roll lengths

LRB-77 LIVE ROLLER DRIVE BELT

PRODUCT SPECIFICATIONS

	METRIC	IMPERIAL
WIDTH	76.2 mm	3.00"
THICKNESS OVER V-GUIDE	10.4 mm	0.41"
THICKNESS OUTSIDE V-GUIDE	3.9 mm	0.15"
ALLOWABLE BELT TENSION	3600 N	810 lbf
MINIMUM PULLEY DIAMETER	76.2 mm	3"
STANDARD COLOR	Clear	
CORD	Aramid	
POLYURETHANE	92 Shore A	
SPLICE	Interleaved Finger Heat Welded	
RECOMMENDED FINGER LENGTH	76 x 9.5 mm	3" x .75"

