



TPU BELTS

THERMOPLASTIC POLYURETHANE

F160 LIVE ROLLER DRIVE BELT

HIGH SPEED AND DURABLE INTRALOGISTICS BELT SOLUTION

Our advancements in materials science, design engineering and processing technologies allow Gates to deliver a high quality and performance live roller belt to operate reliably at high speed.

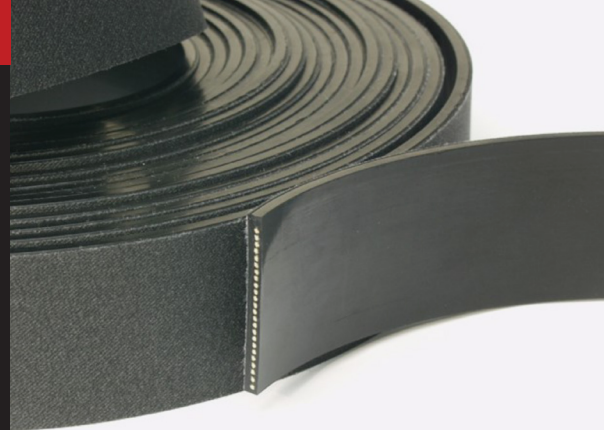
Aramid reinforcement ensures a safe and longer lifespan operation for our customers' warehouse and distribution conveyors.

The F160 belt is an open ended flat belt with a high grip top side to the live rollers and a low friction and anti-static fabric bottom side to improve safety and reliability. Gates® F160 belts are designed to meet the specific needs of demanding, high-performance applications in automated warehouse systems.

The F160 belt combines the durability of top-quality with a reliable partnership, making Gates the number one choice for polyurethane flat belts. You can be confident in F160's reliability for your high speed roller drives.

FEATURES + BENEFITS

- High friction, knurled diamond pattern on top ensures high grip and less slip on the rollers
- Low friction antistatic fabric on the bottom prevents static buildup
- Aramid cord design for lower stretch and longer life compared to competitor belts
- Designed to be spliced with OEM equipment
- Available in roll lengths up to 500 ft. (150 meters)

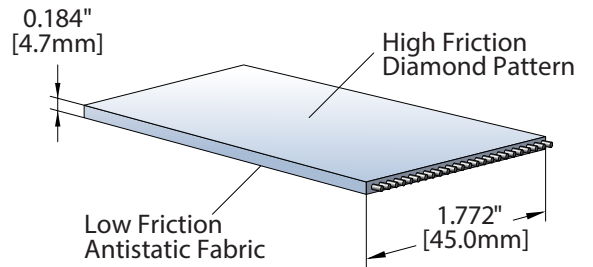


F160 Live Roller Drive Belt

PRODUCT SPECIFICATIONS

	METRIC	IMPERIAL
STANDARD THICKNESS	4.7 +/- 0.2 mm	0.184 +/- 0.008 in
STANDARD ROLL LENGTH	up to 150 m	500 ft
STANDARD COLOR	Black	Black
CORD	Aramid	Aramid
MINIMUM PULLEY DIAMETER	100 mm	3.94 in
FDA/EU APPROVAL	No	No
POLYURETHANE	92° Shore A	92° Shore A
TOP SURFACE	Knurled Polyurethane	Knurled Polyurethane
BOTTOM SURFACE	Antistatic Fabric	Antistatic Fabric
OPERATING TEMPERATURE	-5°C to +70°C	+23°F to 158°F
SPLICE	Interleaved finger heat welded	Interleaved finger heat welded
RECOMMEND FINGER LENGTH	155 mm (min.)	6.1 in (min.)

F160 (SECTION)



TECHNICAL DATA

Standard Width	45 +0/-1 mm	1.77 +0/-0.04 in
Ultimate Tensile Strength	33300 N	7490 lbf
Allowable Belt Tension	4360 N	980 lbf
Specific Belt Weight	0.24 kg/m	0.16 lb/ft
Specific Belt Stiffness	19000 N/mm	108000 lb/in



NORTH AMERICA

Gates TPU
9 Northwestern Drive, Salem, NH 03079
P +1 (800) 394-4844 | E: contact@gates.com

EMEA

Gates TPU GmbH
Werner von Siemens Strasse 2, 64319 Pfungstadt, Germany
P: +49 (0) 6157-9727-0 | E: sales-pfungstadt@gates.com