



DRIVEN BY POSSIBILITY™

GATES TPU

150T5 LINEAR BELT

WIDE, FLEXIBLE, VERSATILE, AND NOW AVAILABLE IN 150MM

WHERE OTHERS SEE A BELT, WE SEE A SOLUTION THAT CAN BENEFIT OUR CUSTOMERS.

Using materials science advancements, design expertise and processing technologies, we designed linear timing belts to accommodate even wider conveying applications. GATES® 150T5 Linear Belts are now available in widths up to 150mm. T5 open-ended belts are ideal for low torque conveying applications and very small pulley diameters in industrial and food processing markets. All backings and profiles are applicable to the new 150mm width, allowing for customized conveying and transportation solutions.

We believe operating challenges are made to be overcome. That's why thousands of industrial facilities, global operations, equipment designers, and system integrators around the world choose GATES application expertise to solve the most challenging design issues.

FEATURES + BENEFITS

- Ideal for low torque conveying applications that require T5 belts in widths from 6mm to 150mm
- Available in steel or Aramid cord
- Nylon back and nylon tooth surface options available for quieter operation and reduced friction
- Welded endless belts are ideal for conveying applications
- Available in standard PU or FDA/EU, approval required
- Tough polyurethane construction is durable, non-marking, and resistant to oil, chemical, water, and cuts



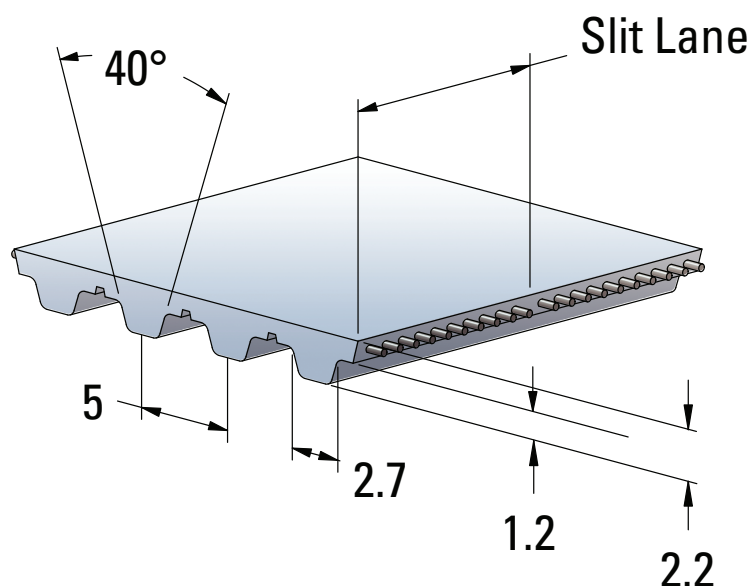
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TECHNICAL DATA

Cord	Aramid	Steel
Ultimate Tensile Strength N/25 mm	5332	3375
Max Allowable Belt Tension N/25 mm	801 (Open Ended)	840 (Open Ended)
	687 (Welded)	420 (Welded)
Allowable Effective Tension - N/25 mm (15 or More Teeth in Mesh)	890	890
Specific Belt Weight (kg/m/cm)	0.020	0.022
Specific Belt Stiffness (N/mm)	9155	8400



PRODUCT SPECIFICATIONS

Pitch	5 mm
Standard Thickness	2.2 mm
Minimum Welded Belt Length	450 mm
Standard Roll Length (Tolerance ±1%)	100 m
Color	Natural or White
Minimum Number of Pulley Teeth	10
Minimum Pulley Diameter	16 mm
Minimum Back Bend Diameter	30 mm
FDA/EU Approval	Option
Polyurethane	92 Shore A
Polyamide Fabric	NT & NTB

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