



## GATES TPU LINEAR POSITIONING BELT WORKSHEET

*Name:	*Phone:	*Email:
*Company Name:	*Site Location:	

### APPLICATION

\*Briefly describe what is being positioned, what type of belt is being replaced.

*Max. Load	lbs.
*Max Accel	ft/sec <sup>2</sup> or *Maximum Speed ft/min and *Accel Time s

\*Two Pulley or Omega Drive:

\*If Omega Is Belt Stationary:

BELT	INPUT	ADDITIONAL INFORMATION
Belt Pitch		Linear Motion system used:
*Belt Width (in/mm)		Incline Conveyor Sketch
*Belt Length (in/mm)		
Splice Type		
V-Guide		
Offset From Edge (in/mm) / Centered		
PULLEYS		
# of Pulleys		
Pulley material		
*Number of Teeth or Diameter		
Bore Type		*Max Allowable Static Positioning Error:
Dimension (in/mm)		
Keyway Dimension (in/mm)		
Idler Diameter		Profile sketch and spacing (if needed)
Idler Material		
*Incline		
Pulley/Idler Support		
Centerline distance from Pulley to Idler		
CARRIAGE AND MOTOR		
*Carriage Mass		
Friction force		
Drag force on Linear Motion		
Tangential Load		
Travel		Comments (vacuum, troughing, cord preference, other info, etc.)
Max power and RPM		
ENVIRONMENTAL CONDITIONS		
UV		
Weather Conditions		
Temperature/Humidity		
Abrasion		
Chemical Interactions		
Daily Use		

#### Outside Sales Contact Info

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