



# TPU BELTS

THERMOPLASTIC POLYURETHANE

## POSILACE™ MECHANICAL BELT FASTENING SYSTEM

The PosiLace pin fastening system allows for fast, tool-free, belt installations for lightweight to medium load applications.

PosiLace can be field welded to the base belt using a Flexco Novitool® Amigo™ Splice Press or can be factory prepped.

### REQUIREMENTS

- Minimum pulley diameter – 6.27” (159 mm)
- Maximum belt width 42” (1 m)

### FEATURES

- Low profile for use with scrapers
- Unique, self-locking pin
  - Pin can be removed without damage to belt or pin
- Designed to reduce contamination risk through hinge loop breakage
  - In an overload situation, unlike plastic modular belting, the locking pin will fail first before the hinge loops break



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## POSILACE FASTENING OPTIONS

FASTENING OPTIONS	STANDARD		HI TORQUE		METAL DETECTABLE	
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL
Max. Allowable Tension (1)	N/cm	lbs/inch	N/cm	lbs/inch	N/cm	lbs/inch
PC10	46	26	N/A	N/A	N/A	N/A
PC20	46	26	46	26	N/A	N/A

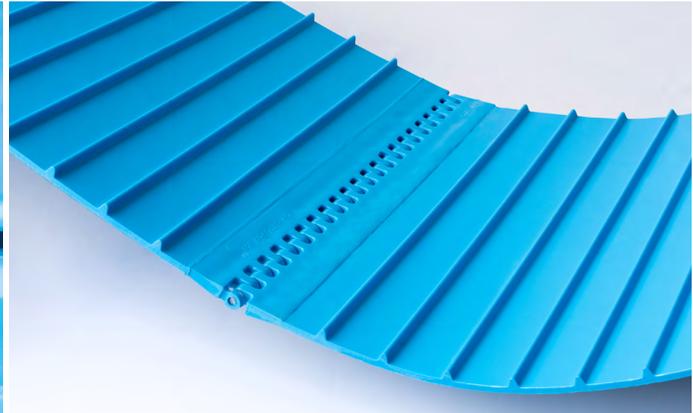
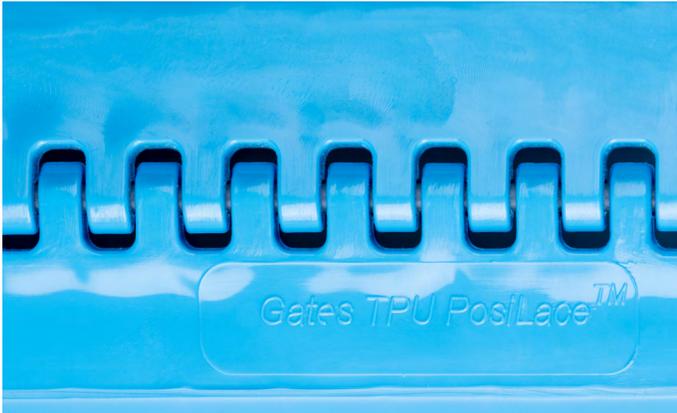
(1) Max allowable set as the lower of 25% yield strength or 2% stretch of weld or splice

## POSILACE FASTENING OPTIONS

FASTENING OPTIONS SINGLE TRACK	lbs/inch	STANDARD				METAL DETECTABLE			
		6-9"	>9-12"	>12-17"	>17-36"	6-9"	>9-12"	>12-17"	>17-36"
Max. Allowable Tension (N/cm width) (lbs/inch width)(1)									
CC40		155	179	206	223	N/A	N/A	N/A	N/A
	N/cm	152-229	>229-305	>305-432	>432-914	152-229	>229-305	>305-432	>432-914
Max. Allowable Tension (N/cm width) (lbs/inch width)(1)									
CC40		272	313	361	391	N/A	N/A	N/A	N/A

(1) Max allowable set as the lower of 25% yield strength or 2% stretch of weld or splice

FASTENING OPTIONS DUAL TRACK	lbs/inch	STANDARD			METAL DETECTABLE		
		>30-39"	>39-42"	>42-48"	>30-39"	>39-42"	>42-48"
Max. Allowable Tension (N/cm width) (lbs/inch width)(1)							
CC40D		471	498	N/A	N/A	N/A	N/A
	N/cm	>762-991	>991-1067	>1067-1219	>762-991	>991-1067	>1067-1219
Max. Allowable Tension (N/cm width) (lbs/inch width)(1)							
CC40D		825	872	N/A	N/A	N/A	N/A



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