



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

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

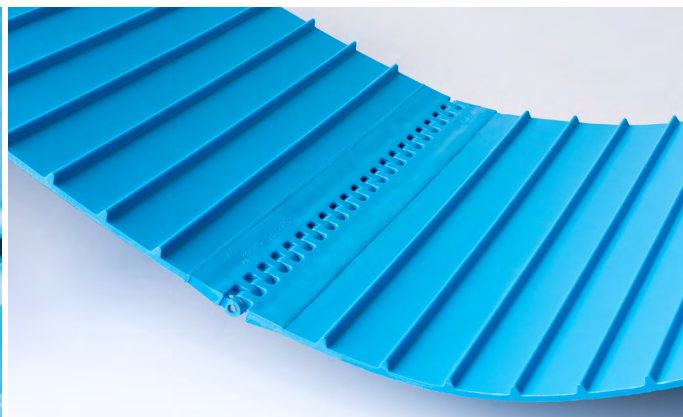
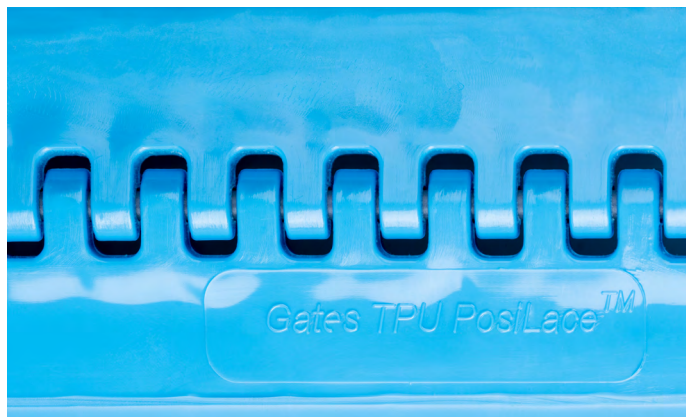
(1) Max allowable set as the lower of 25% yield strength or 2% stretch of weld or splice

POSILACE FASTENING OPTIONS

FASTENING OPTIONS SINGLE TRACK		STANDARD				METAL DETECTABLE			
	lbs/inch	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		STANDARD			METAL DETECTABLE		
	lbs/inch	>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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