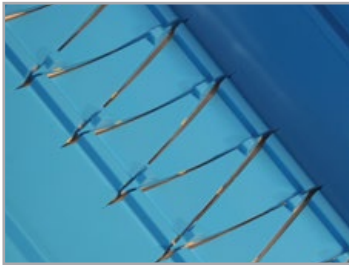




# FOOD BELT INSTALLATION OPTIONS

## WELDING

Thermally welding two prepared ends together allows for a seamless finish that minimizes the potential for bacteria growth. Several welding techniques are available.



Platen Weld Finger Punch

### PLATEN WELD – FINGER PUNCH

Typically uses a punched (20mm by 80mm) finger configuration welded in a platen press

#### ADVANTAGES

- Greatest tensile strength

#### DISADVANTAGES

- Possible width shrinkage and edge lift in the weld area



Platen Weld Split Tooth

### PLATEN WELD – SPLIT TOOTH

#### ADVANTAGES

- Easy field preparation
- Greater tensile strength than with a between the teeth weld

#### DISADVANTAGES

- Possible width shrinkage and edge lift in the weld area



Butt Weld Between the Teeth

### BUTT WELD – BETWEEN THE TEETH

#### ADVANTAGES

- Short weld cycle
- No shrinkage or edge lift

#### DISADVANTAGES

- Lowest tensile strength of the three weld choices

## MECHANICAL FASTENING



PosiLace™ Field Weldable Extension

### POSILACE™ FASTENING PIN

Meets low to medium load requirements without field welding to achieve a maximum allowable tension of 26 lbs/in. Belt ends are prepared at the factory and the belt is joined by a single pin inserted after the belt is placed in position on the equipment.

This “living” fastening solution allows for removal and replacement of the belt as often as desired – without ever having to weld.

# FOOD BELT INSTALLATION OPTIONS

## MECHANICAL FASTENING

From wire hooks to metal staples, standard conveyor fasteners are available for those situations when quick assembly/disassembly is required. Belt ends must be cut properly prior to installing mechanical fasteners to ensure proper pulley mesh.



Flexco® Alligator® Ready Set™ Staple



Flexco® UX1SS Clipper® Wire Hooks



Flexco® Alligator® Plastic Rivet

### Max. Allowable Tension (lbs. per inch width) in Weld Area

	Per Inch of Width			
	Standard	PC20		PC10
		Hi Torque	Cold Temp	
Factory Weld (Finger Splice)	50	64	46	35
Field Weld (Butt Splice)	40	52	37	31
PosiLace™	26	26	26	N/A
Flexco® UX1SS Clipper® Wire Hooks	31	41	37	31
Flexco® APF150/100 Alligator® Plastic Rivet	25	25	23	25
Flexco® RS125/62 Alligator® Ready Set™ Staple	26	26	23	26

	CC40 - Full Belt						
			Single Track			Dual Track	
	6" to 9"	>9" to 12"	>12" to 17"	>17" to 36"	>30" to 39"	>39" to 42"	>42" to 60"
Factory Weld (Finger Splice)	239	275	317	344	724	766	793
Field Weld (Butt Splice)	239	275	317	344	724	766	793
PosiLace™	155	179	206	223	471	498	515
Flexco® UX1SS Clipper® Wire Hooks	239	275	317	344	724	766	793
Flexco® APF150/100 Alligator® Plastic Rivet	139	160	184	199	419	443	458
Flexco® RS125/62 Alligator® Ready Set™ Staple	290	334	385	417	878	929	961

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