



# CONVEYOR PRODUCT CATALOGUE



## PLASTIC MATERIAL

### LOW FRICTION ACETAL | LFA

This material has a low coefficient of friction, high wear resistance and excellent resistance to chain tension. It is recommended for applications that require high load, high speed applications. FDA approved for direct contact with food.



### PTFE FILLED ACETAL | TLX

Internally lubricated acetal resin engineered for high-speed applications. Recommended specifically for PET containers and bottling lines. Increased wear resistance in comparison to LFA. FDA approved for direct contact with food.



### KEVLAR FILLED ACETAL | SUZ

This material has a low coefficient of friction, high wear resistance and excellent resistance to chain tension. It is recommended for glass and PET packaging applications that require high load. FDA approved for direct contact with food.



### PERFORMANCE PET RESIN | PBT

This material has a low coefficient of friction, high wear resistance and excellent resistance to chain tension. It is recommended for applications that require high load, high speed applications. FDA approved for direct contact with food.



## STEEL MATERIAL

### AISI 430 STAINLESS STEEL

Ferritic AISI 430 stainless steel, work hardened by cold-rolling, with good corrosion resistance. It has an excellent surface finish which is important for sliding. It is the preferred choice for all stainless steel chain applications.



### AUSTENITIC PINS

Our conveyor chain pins are made of austenitic stainless steel (18% chrome & 8% Nickel). It is work hardened for high resistance and excellent chemical resistance for corrosive environments.



### POLISHED HINGES

The straight running and sideflexing SYNAPLEX chains are available with polished hinges. The polished hinges provide higher performance of chains for high-speed transfers.



### NON-STANDARD MATERIALS

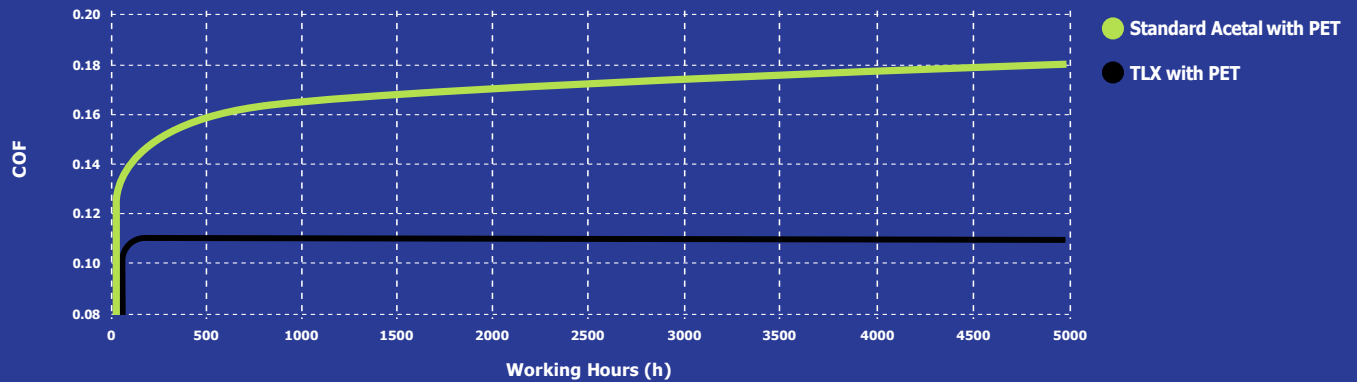
Our SYNAPLEX conveyor range offers specialised, non-standard resins to meet unique operational needs and enhance performance in demanding environments. These options include metal detectable resins for enhanced safety in food processing and pharmaceuticals, static-reduced resins to minimise static buildup and protect sensitive electronics, and increased hardness resins for superior durability in high-impact applications. We also provide chemically resistant resins for harsh chemical environments and glass reinforced resins for enhanced mechanical strength and thermal stability.

# TLX MATERIAL

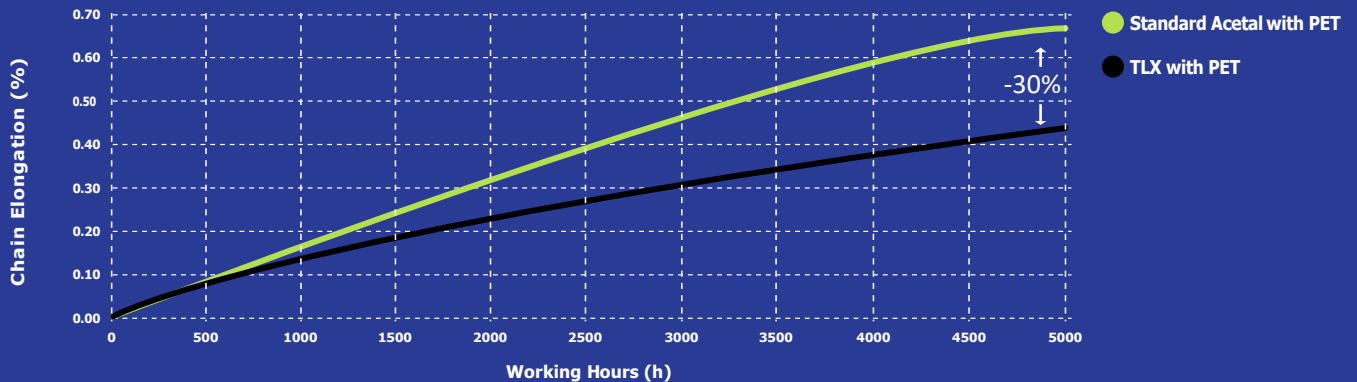


The SYNAPLEX™ TLX material is the premium grade of dry running acetal, in combination with specific PTFE lubricants for PET bottling applications. The Teflon filler enables our chain to run with a much lower coefficient of friction and minimal chain elongation in dry running environments. Approved for food applications, this product is ideal for PET container and bottling lines.

## COF IN DRY RUNNING CONDITIONS



## WEAR IN DRY RUNNING CONDITIONS

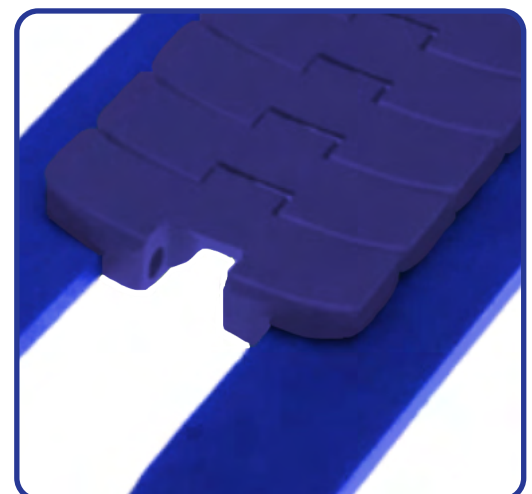


## FEATURES

- Excellent coefficient of friction.
- Long lasting and constant coefficient of friction.
- Negligible dusting in dry running conditions.
- **Dry working temp:** -40°C/+80°C  
**Wet working temp:** -40°C/+65°C

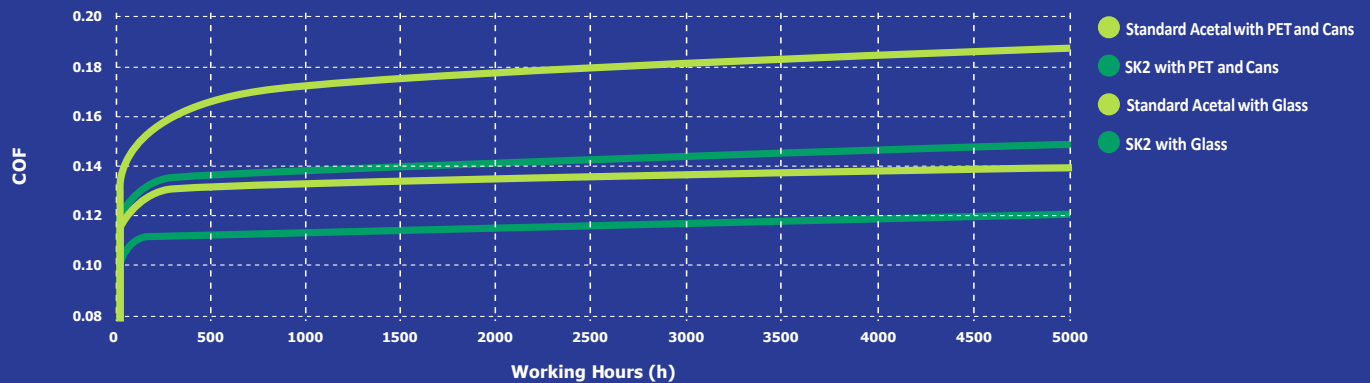
## BENEFITS

- Elimination or strong reduction of lubrication
- Reduced chain pull and increased energy savings
- Reduced maintenance costs.

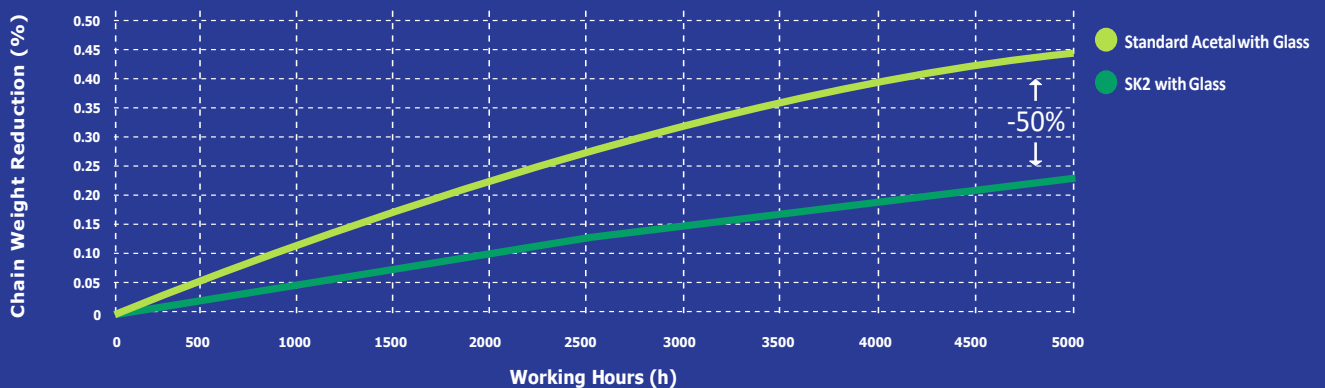


The SYNAPLEX™ SK2 material is a unique blend of Kevlar Aramedic Fibers and lubricated low friction acetal resin for glass container bottling lines. This specialised material provides a low-coefficient of friction with very high wear resistance, creating a chain with a longer life and reduced running-cost. Our material composition is running in some of the largest and most efficient bottling facilities within Australia.

### COF IN DRY RUNNING CONDITIONS



### WEAR IN DRY RUNNING CONDITIONS

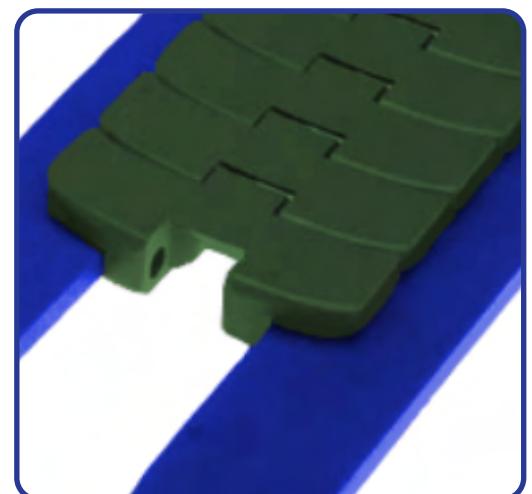


## FEATURES

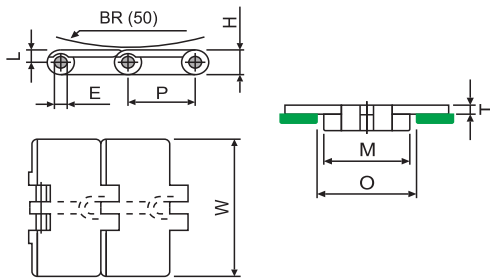
- Excellent for glass applications.
- Low coefficient of friction in dry running conditions vs standard acetal resin.
- 30-50% superior wear resistance.
- **Dry working temp:** -40°C/+80°C  
**Wet working temp:** -40°C/+65°C

## BENEFITS

- Significant reduction or elimination of lubrication.
- Significant chain life increase vs standard acetal resin.
- Lower running and maintenance costs vs standard acetal resin.

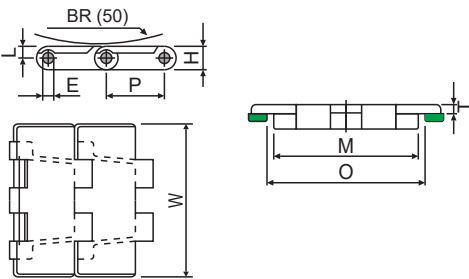


## SP-820 SERIES



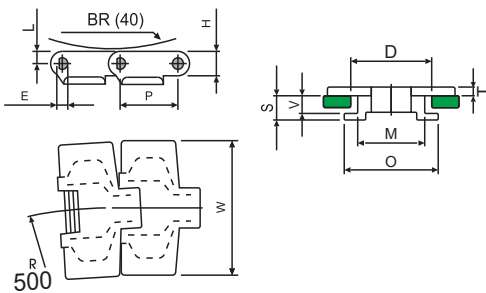
CHAIN CODE	WIDTH (W)		PITCH (P)	M	L	H	E	T	O
	(mm)	(inches)							
SP-820K250	63.5	2.5	38.1	42.1	7.2	13.5	6.35	4	44.5
SP-820K325	82.5	3.25							
SP-820K330	83.8	3.3							
SP-820K350	88.9	3.5							
SP-820K400	101.6	4							
SP-820K450	114.3	4.5							
SP-820K600	152.4	6							
SP-820K750	190.5	7.5							

## SP-821 SERIES



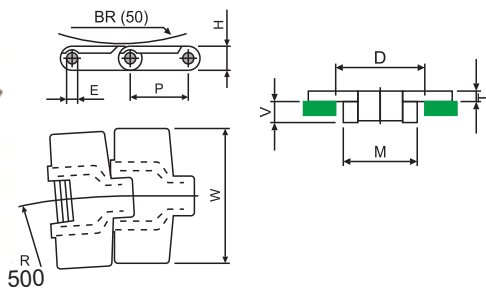
CHAIN CODE	WIDTH (W)		PITCH (P)	M	L	H	E	T	O
	(mm)	(inches)							
SP-821K750	190.5	7.5	38.1	136.5	7.9	14.3	7.9	4.8	140
SP-821K1000	254	10							
SP-821K1200	304.8	12							

## SP-880T SERIES



CHAIN CODE	WIDTH (W)		PITCH (P)	O	L	H	E	T	V	S	M	D
	(mm)	(inches)										
SP-880TK325	82.5	3.25	38.1	42.1	11	15	7.1	4	11.5	16	42.9	45
SP-880TK450	114.3	4.5										

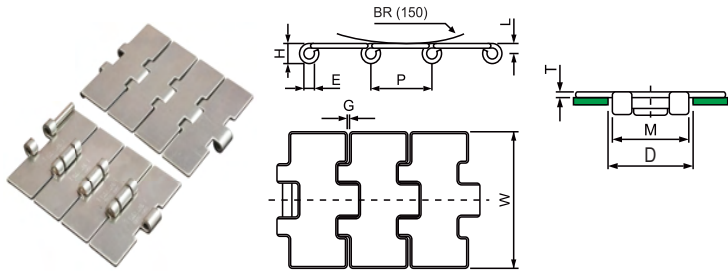
## SP-880M SERIES



CHAIN CODE	WIDTH (W)		PITCH (P)	M	L	H	E	T	D
	(mm)	(inches)							
SP-880MK325	82.5	3.25	38.1	42.1	11	15	7.1	4	45
SP-880MK450	114.3	4.5							

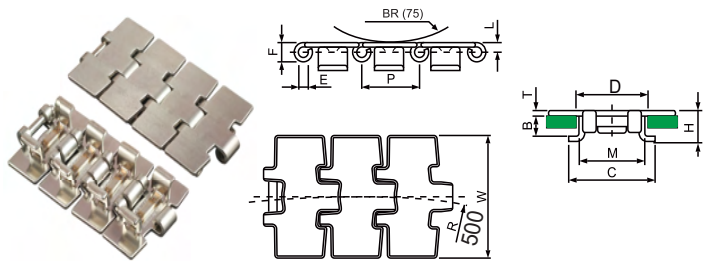


## SP-812 SERIES



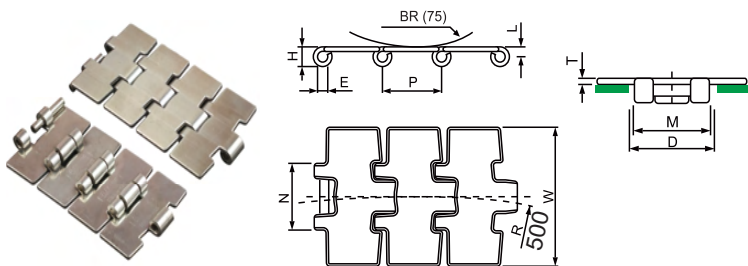
CHAIN CODE	WIDTH (W)		PITCH (P)	M	L	H	E	T	G	D
	(mm)	(inches)								
SP-812K325	82.5	3.25	38.1	42	6.4	13	6.4	3.1	1.8	44
SP-812K350	88.9	3.5								
SP-812K400	101.6	4								
SP-812K450	114.3	4.5								
SP-812K600	152.4	6								
SP-812K750	190.5	7.5								

## SP-881T SERIES



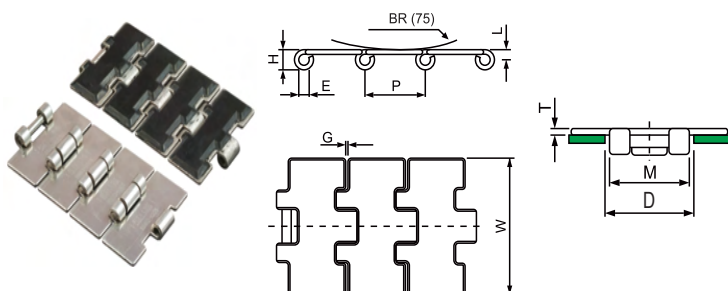
CHAIN CODE	WIDTH (W)		PITCH (P)	L	H	E	T	C	B	M	F	D
	(mm)	(inches)										
SP-881TK325	82.5	3.25	38.1	6.4	19.3	6.4	3.1	56.6	12.8	43	13	45
SP-881TK450	114.3	4.5										
SP-881TK750	190.5	7.5										

## SP-881M SERIES



CHAIN CODE	WIDTH (W)		PITCH (P)	M	L	H	E	T	D
	(mm)	(inches)							
SP-881MK325	82.5	3.25	38.1	42	6.4	13	6.4	3.1	44
SP-881MK450	114.3	4.5							
SP-881MK750	190.5	7.5							

## SP-815 SERIES

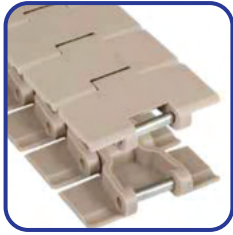


CHAIN CODE	WIDTH (W)		PITCH (P)	M	L	H	E	T	G	D
	(mm)	(inches)								
SP-815K325	82.5	3.25	38.1	42	6.4	13	6.4	3	1.8	44
SP-815K750	190.5	7.5								

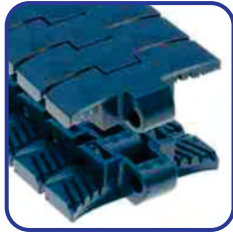
SPECIALITY PLASTIC CHAIN



SP-SHP84



SP-RHMP



SP-1060



SP-70 FLEXI



SP-83 FLEXI



SP-810 FLEXI



SP-RT114



SP-1873

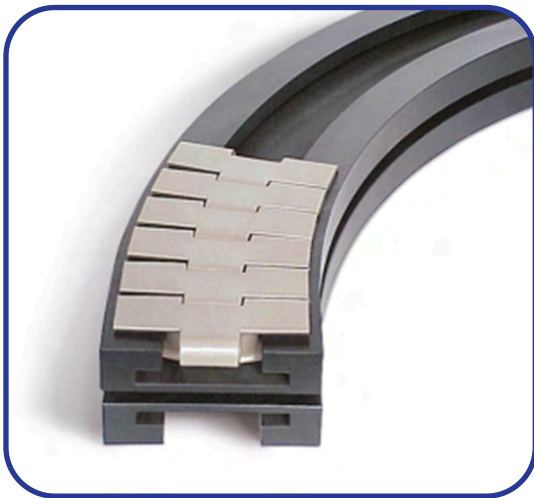


SP-1702N



SP-CC600

CORNER TRACKS

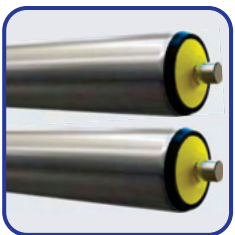


TAB CORNER TRACK



MAGNETIC CORNER TRACK

CONVEYOR ROLLERS



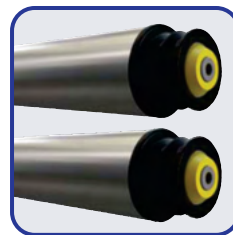
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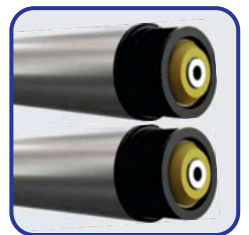
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SP-4000

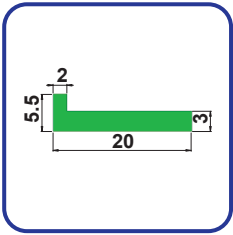


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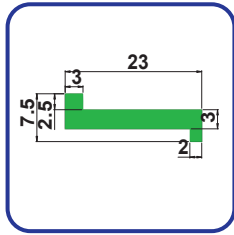


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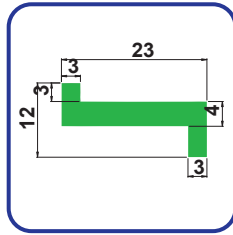
UHMWPE WEAR STRIPS & GUIDES



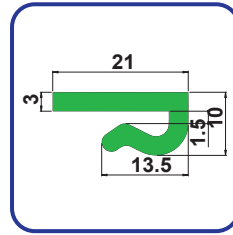
L1



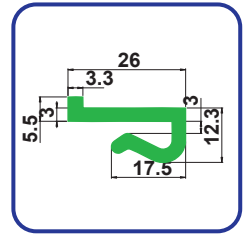
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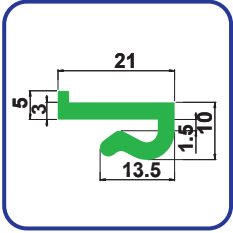
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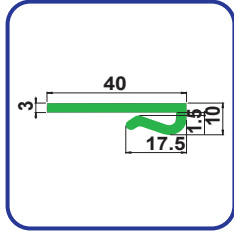
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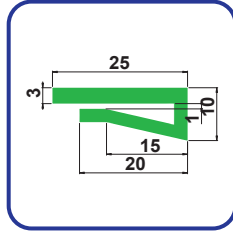
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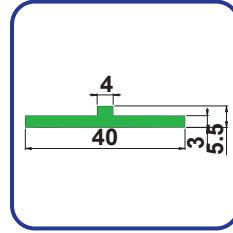
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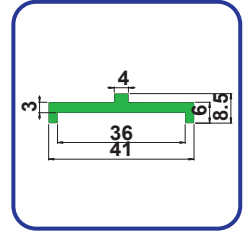
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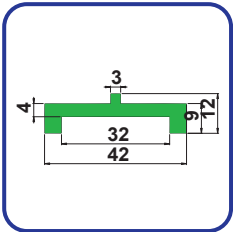
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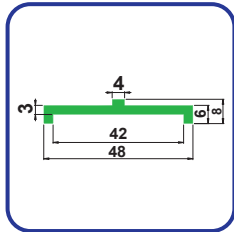
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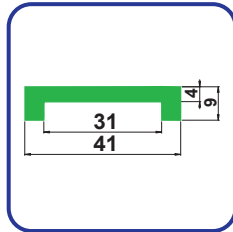
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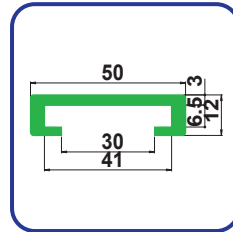
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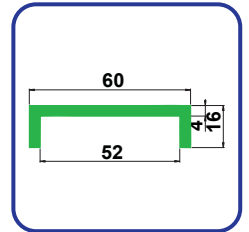
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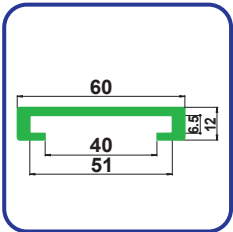
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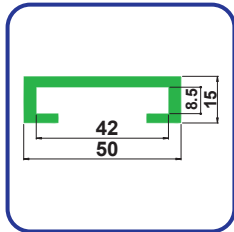
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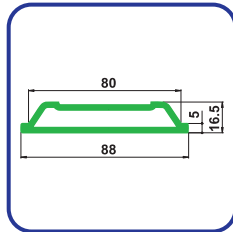
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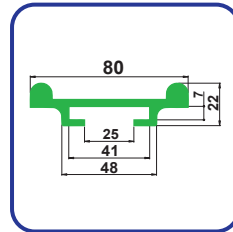
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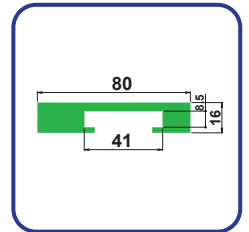
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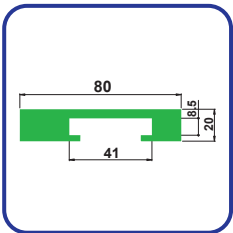
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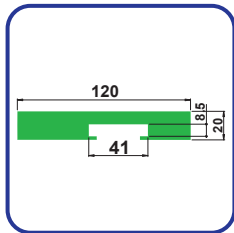
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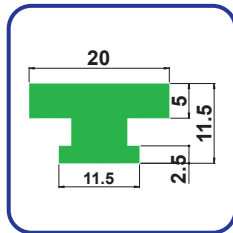
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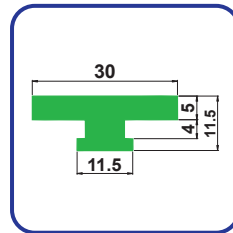
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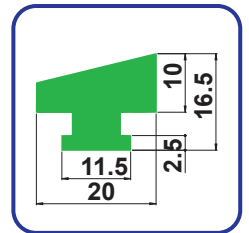
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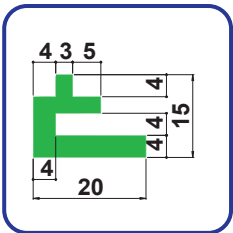
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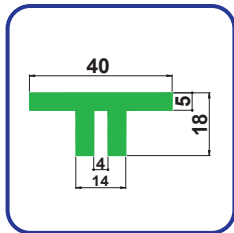
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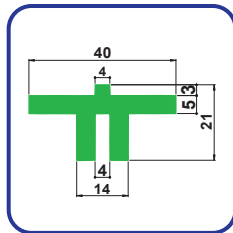
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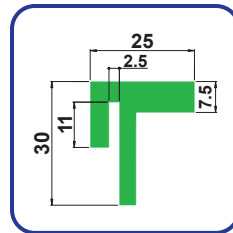
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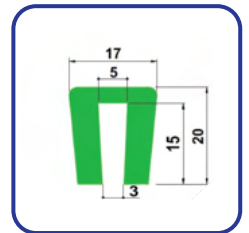
T1



T2



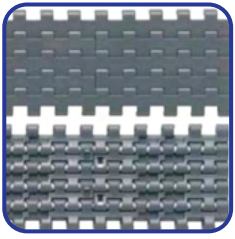
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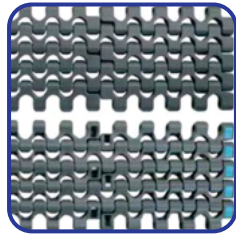
U2



12.7MM PITCH BELTS

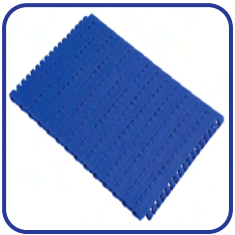


SP-2120

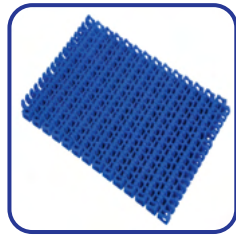


SP-2120FG

15.2MM PITCH BELTS

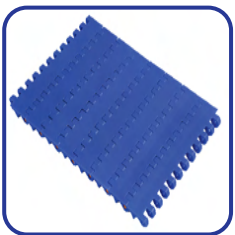


SP-1100

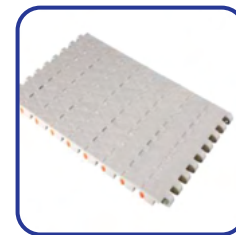


SP-1100FG

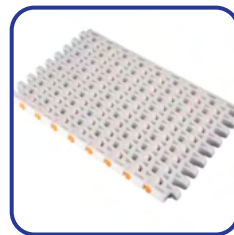
25.4MM PITCH BELTS



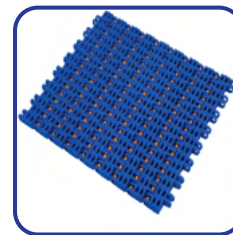
SP-SMPB



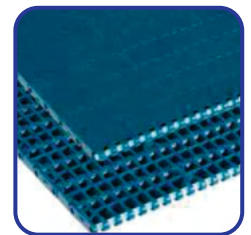
SP-2533



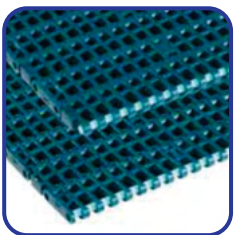
SP-2533FG



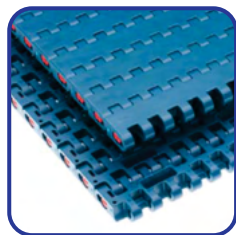
SP-S25



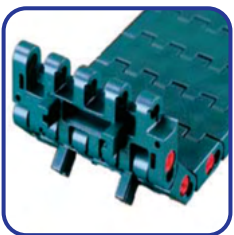
SP-1000



SP-1000FG

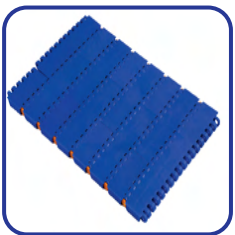


SP-2500

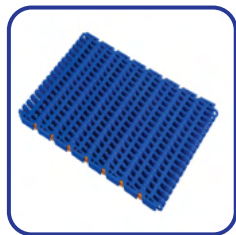


SP-2500T

27.2MM PITCH BELTS

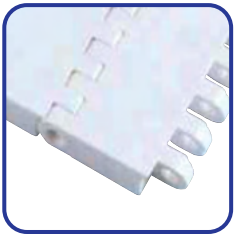


SP-900



SP-900FG

50.8MM PITCH BELTS



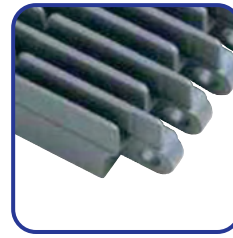
SP-OPB



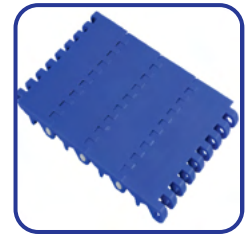
SP-OPBFG15



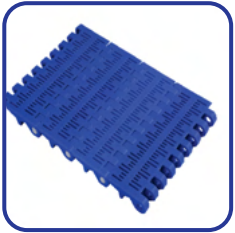
SP-OPBFG23



SP-OPBR



SP-MPB

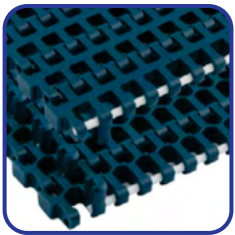


SP-MPBFG



SP-2000RR

31.75MM PITCH SIDE FLEXING BELTS



SP-1200

25MM PITCH SIDE FLEXING BELTS



SP-500

FRAME SUPPORTS



SBT-248



SBT-348



SMB-5664



SSH-9595



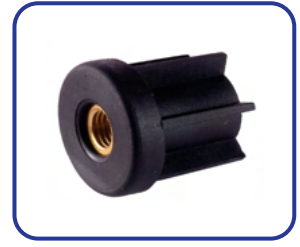
SCJ-1284



SBT-1680 & 16100



SQUARE ADAPTOR



ROUND ADAPTOR

SIDE BRACKETS



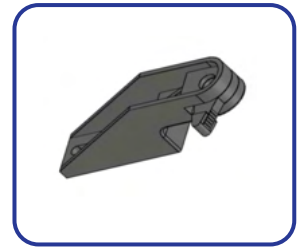
SB-KB-240



SB-KB-180



SB-ST-250



SB-LB-200

FRAME SUPPORTS



SRC-5835



DRC-5836



SRC-2737



SRC-2738



SRC-2739



DRC-6750



DRC-9160



SRC-9764

The background of the top section is a photograph of a factory conveyor belt system. The belt is curved and filled with numerous yellow plastic bottles. Two blue arrows point to the right, indicating the direction of the conveyor. In the background, workers in white uniforms are visible near the machinery.

# “ONE STOP SOLUTION FOR CONVEYOR CHAIN & COMPONENTRY”

With our expertise, Tynic Automation is moving towards the vision of comprehensively servicing the food, beverage, glass, processing, packaging industries and more!

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