



# TECHNICAL SHEET



**BELT TYPE: F31**

**CODE NUMBER: 5T17**

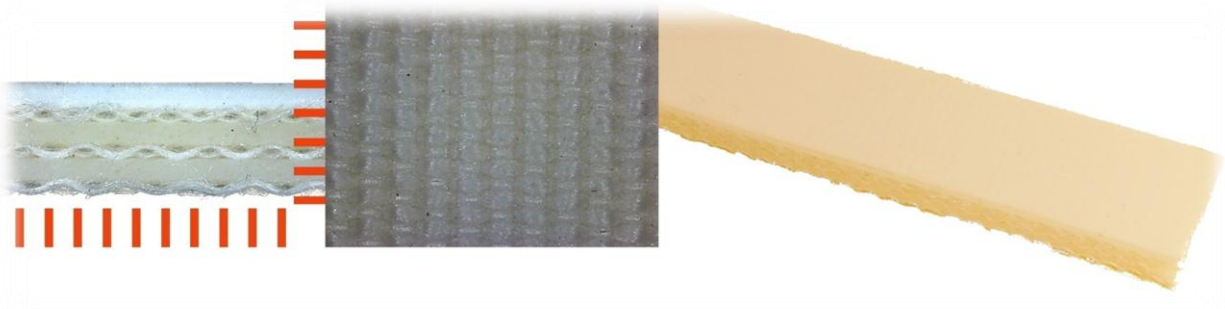
## MOST POPULAR APPLICATIONS

- For conveyor and bucket elevators to convey foodstuff where there is presence of water, acid and oily substances;
- For transport and processing of tomatoes, fruit, foodstuff and different products.

## GENERAL CHARACTERISTICS

Suitable for transport of any type of foodstuff, according to Italian law and FDA norms, for temporary contact (2 hours) and temperature 80°C. For oily and fatty foodstuff (groups II and III of the Italian law and groups II,III,V and VII A of FDA standards) the max. temperature is 40°C.

Bottom cover protected by PU skimming with low friction coefficient



## **CARRYING COVER**

THICKNESS (mm)	0.8mm
THICKNESS (inches)	0.04in
HARDNESS (° SHORE A)	72° Shore A
COLOUR	WHITE
SURFACE	SMOOTH
BOTTOM COVER	PU skimmed
POSSIBLE STRUCTURES	A N V Z

## GENERAL CHARACTERISTICS

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No OF PLIES	3
WEFT	FLEXIBLE
MAX. PRODUCTION WIDTH (mm)	3000mm
MAX PRODUCTION WIDTH (inches)	118in
ANTISTATICITY	NO
TOTAL THICKNESS (mm)	3.8mm
TOTAL THICKNESS (inches)	0.15in
MASS(KG/M2)	4.6Kg/m2
MASS(LB/FT2)	0.95lb/ft2
PULL PER 1% (daN/cm)	20daN/cm
PULL PER 1% (lbf/in)	114.2lbf/in
WORKING TEMPERATURE (C °)	-5+80 C °
WORKING TEMPERATURE( F °)	23 +176F °
FDA APPROVAL	YES
SLIDER BED	YES
METAL THROUGHES	YES
HORIZONTAL ROLLERS	YES
THROUGH IDLERS	NO / To be checked
SLIDING	NO

## MINIMAL ROLLER DIAMETRES (mm)

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FLEXION	120 mm
COUNTER FLEXION	140 mm

## MINIMAL ROLLER DIAMETRES (inches)

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FLEXION	4.71 in
COUNTER FLEXION	5.50 in

## JOINING METHOD

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HOT EXECUTIONS	Step - FOF
FASTENERS	S1 inox VAT CC4

## FRICTION COEFFICIENT

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Stainless Steel, BA (Brilliant surface)	0.25
Stainless Steel, 2B (Half-brilliant surface)	0.25
Stainless Steel, 2D (Hot-Laminated Surface)	0.28
Rolled Steel Plate	0.25
Plastic Sheet (brilliant surface)	0.25