



TECHNICAL SHEET

BELT TYPE: F91/10.10

CODE NUMBER: 5Y77

MOST POPULAR APPLICATIONS

- For heavy transport and bucket elevators to convey foodstuff in bulk and/or in powder.

GENERAL CHARACTERISTICS

Suitable for transport of any type of foodstuff, according to Italian law and FDA norms, for temporary contact (2 hours) and temperature up to 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.

Photo Not Available



CARRIING COVER

THICKNESS (mm)	1mm
THICKNESS (inches)	0.04in
HARDNESS (° SHORE A)	72° Shore A
COLOUR	WHITE
SURFACE	SMOOTH
BOTTOM COVER	PVC F
POSSIBLE STRUCTURES	N V Z

GENERAL CHARACTERISTICS

No OF PLIES	3
WEFT	FLEXIBLE
MAX. PRODUCTION WIDTH (mm)	3000mm
MAX PRODUCTION WIDTH (inches)	118in
ANTISTATICITY	NO
TOTAL THICKNESS (mm)	7mm
TOTAL THICKNESS (inches)	0.28in
MASS(KG/M2)	8.5Kg/m2
MASS(LB/FT2)	1.75lb/ft2
PULL PER 1% (daN/cm)	65daN/cm
PULL PER 1% (lbf/in)	371.2lbf/in
WORKING TEMPERATURE (C °)	-5+80 C °
WORKING TEMPERATURE(F °)	23 +176F °
FDA APPROVAL	YES
SLIDER BED	No
METAL THROUGHES	No
HORIZONTAL ROLLERS	Yes
THROUGH IDLERS	Yes / To be checked
SLIDING	NO

MINIMAL ROLLER DIAMETRES (mm)

FLEXION	450mm
COUNTER FLEXION	450mm

MINIMAL ROLLER DIAMETRES (inches)

FLEXION	17.68in
COUNTER FLEXION	17.68in

JOINING METHOD

HOT EXECUTIONS	Step
FASTENERS	VAT CL 6

FRICTION COEFFICIENT

Stainless Steel, BA (Brilliant surface)	Not suitable for sliding on slider bed
Stainless Steel, 2B (Half-brilliant surface)	
Stainless Steel, 2D (Hot-Laminated Surface)	
Rolled Steel Plate	
Plastic Sheet (brilliant surface)	