



# TECHNICAL SHEET

**BELT TYPE: U 12\***

**CODE NUMBER: 5T47**

## MOST POPULAR APPLICATIONS

Horizontal or low slope conveying for single loads, boxes, bundles, bulk products of every type.

## GENERAL CHARACTERISTICS

Excellent resistance to abrasion. 20 mg weight loss according to ASTM D.I. 1044 norm (TABER abrasionmeter, H22 grinder, weight 1000 grams 1000 cycles). Good resistance to mineral oils, acid solutions, chemical agents and detergents.

Photo Not Available



## **CARRIING COVER**

THICKNESS (mm)	0.40mm
THINKNESS (inches)	0.02in
HARDNESS (° SHORE A)	74° Shore A
COLOUR	GREEN
SURFACE	SMOOTH
BOTTOM COVER	RAW FABRIC
POSSIBLE STRUCTURES	A N V Z

## GENERAL CHARACTERISTICS

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No OF PLIES	2
WEFT	FLEXIBLE
MAX. PRODUCTION WIDTH (mm)	3000mm
MAX PRODUCTION WIDTH (inches)	118.12in
ANTISTATICITY	NO
TOTAL THICKNESS (mm)	1.8mm
TOTAL THICKNESS (inches)	0.071in
MASS(KG/M2)	2Kg/m2
MASS(LB/FT2)	0.40lb/ft2
PULL PER 1% (daN/cm)	10daN/cm
PULL PER 1% (lbf/in)	57.10lbf/in
WORKING TEMPERATURE (C °)	-10+80 C °
WORKING TEMPERATURE( F °)	14 +176F °
FDA APPROVAL	NO
SLIDER BED	YES
METAL THROUGHES	YES
HORIZONTAL ROLLERS	Yes
THROUGH IDLERS	NO / YES
SLIDING	NO

## MINIMAL ROLLER DIAMETRES (mm)

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FLEXION	30mm
COUNTER FLEXION	40mm

## MINIMAL ROLLER DIAMETRES (inches)

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FLEXION	1.18in
COUNTER FLEXION	1.57in

## JOINING METHOD

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HOT EXECUTIONS	FS
FASTENERS	K1 / G1 INOX

## FRICTION COEFFICIENT

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Stainless Steel, BA (Brilliant surface)	0.20
Stainless Steel, 2B (Half-brilliant surface)	0.18
Stainless Steel, 2D (Hot-Laminated Surface)	0.26
Rolled Steel Plate	0.20
Plastic Sheet (brilliant surface)	0.20