



TECHNICAL SHEET

BELT TYPE: U 31

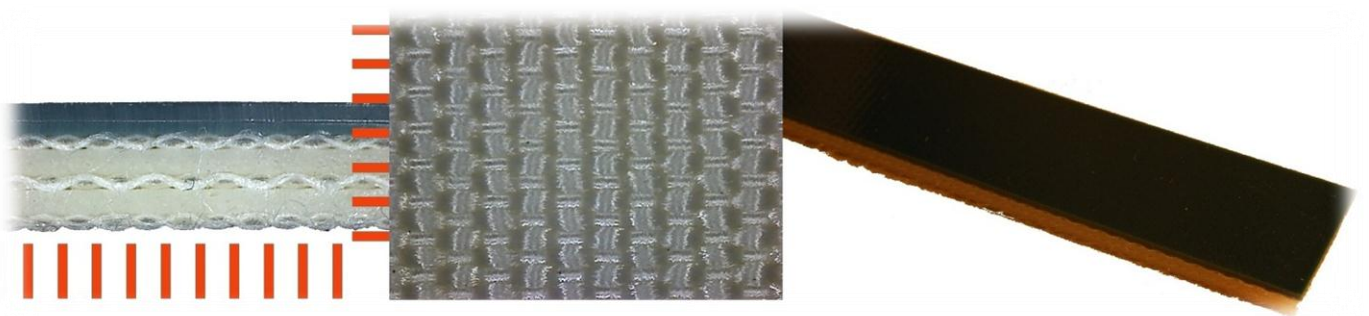
CODE NUMBER: 5U31

MOST POPULAR APPLICATIONS

- Horizontal or slight slope conveying of single loads, boxes, tins, any kind of bulk products on long interaxial length.

GENERAL CHARACTERISTICS

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



CARRIING COVER

THICKNESS (mm)	0.80mm
THINKNESS (inches)	0.031in
HARDNESS (° SHORE A)	74° Shore A
COLOUR	GREEN
SURFACE	SMOOTH
BOTTOM COVER	RAW FABRIC
POSSIBLE STRUCTURES	A N V Z

GENERAL CHARACTERISTICS

No OF PLIES	3
WEFT	FLEXIBLE
MAX. PRODUCTION WIDTH (mm)	3000mm
MAX PRODUCTION WIDTH (inches)	118.12in
ANTISTATICITY	NO
TOTAL THICKNESS (mm)	3.79mm
TOTAL THICKNESS (inches)	0.15in
MASS(KG/M2)	4.59Kg/m2
MASS(LB/FT2)	0.94lb/ft2
PULL PER 1% (daN/cm)	20daN/cm
PULL PER 1% (lbf/in)	114.2lbf/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	To be checked / TO BE CHECKED
SLIDING	NO

MINIMAL ROLLER DIAMETRES (mm)

FLEXION	120mm
COUNTER FLEXION	140mm

MINIMAL ROLLER DIAMETRES (inches)

FLEXION	4.71in
COUNTER FLEXION	5.50in

JOINING METHOD

HOT EXECUTIONS	FOF
FASTENERS	B3 S1

FRICTION COEFFICIENT

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