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LIGHTWEIGHT BELTING DATA SHEET

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Pure 10 IP Blue | **INPUR BU/2 ESM6 - 00+S21 PU sky blue F AS** | **10012C**

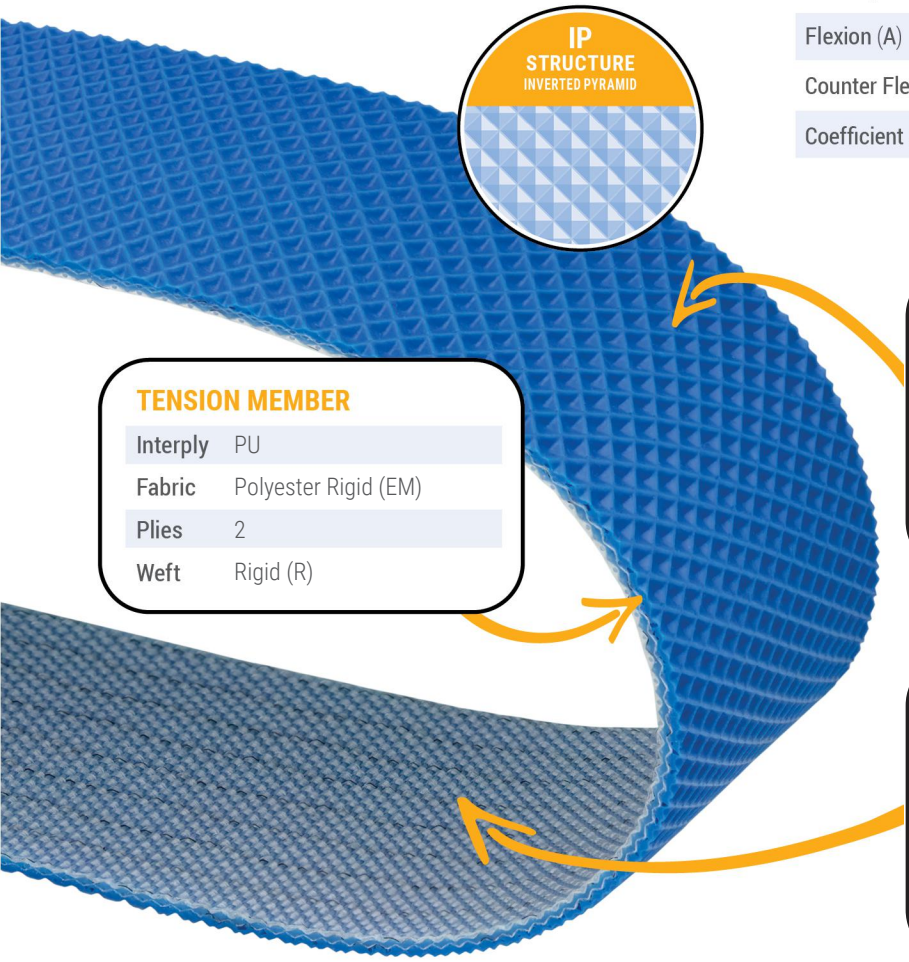
GENERAL CHARACTERISTICS

2 ply inverted pyramid top blue PU knife edge, antistatic. Food approved, oil and fat resistant. Frayless

BEST USED FOR

TECHNICAL INFORMATION

	IMPERIAL		METRIC
Max Production Width	118.11in		3000mm
Total Thickness	0.06in		1.6mm
Mass	0.33lb/ft²		1.6kg/m²
Tensile force at 1% elongation	34lbf/in		6N/mm
	After Relaxation - ref. ISO 21181		
Working Temp.	-4/+194F°		-20/+90C°
Flexion (A)	0.2in	5mm	
Counter Flexion (B)	1.18in	30mm	
Coefficient of friction (bottom side) - Steel	0.20		



TENSION MEMBER

Interply	PU
Fabric	Polyester Rigid (EM)
Plies	2
Weft	Rigid (R)

TOP SIDE (CARRYING)

Material	PU
Color	Blue (LB)
Thickness	0.01in 0.3mm
Hardness	85 Shore A
Surface	Inverted Pyramid (IP)

BOTTOM SIDE (PULLEY)

Material	Fabric
Color	Fabric (FA)
Thickness	0in 0mm
Hardness	-
Surface	Impregnated (00)

SPECIAL CHARACTERISTICS

- ✓ **Food Approved, FDA compliance** acc.to 21 CFR parts 170-19
- ✓ **Food Approved, EU compliance** (EC) No. 1935/2004 & (EU) No. 10/2011
- ✓ **Antistatic** ISO 284 & 21178
- ✓ **Abrasion Resistant**
- ✓ **Oil & Fat Resistant**
- ✓ **Non-Fray**

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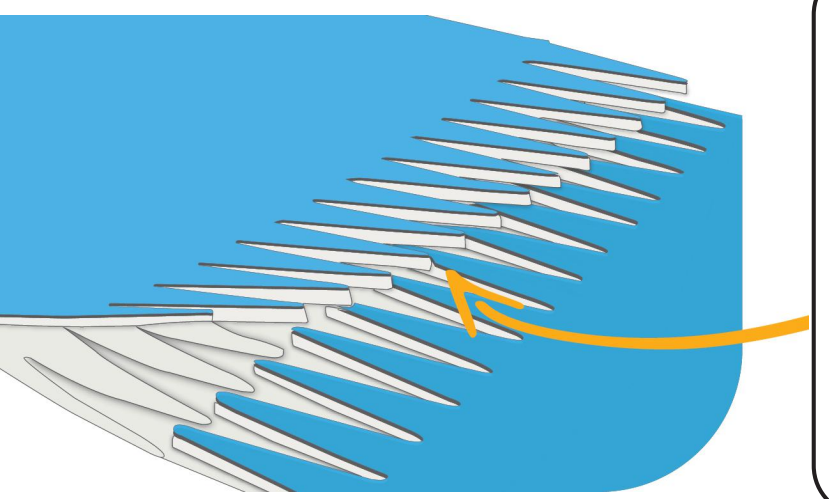
SPLICE INSTRUCTIONS (PREFERRED)



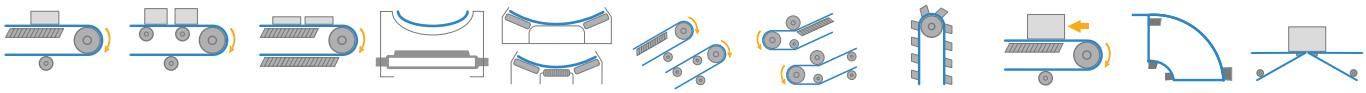
FINGER OVER FINGER (FOF)

	WATER COOL	AIR COOL
Temperature:	160 C° 320 F°	160 C° 320 F°
Pressure:	29 PSI 2 Bars	7.3 PSI 0.5 Bars
Silicone Matrix		
Belt (Conveying Side Up)		
Foil (Between Plies)		
Release Paper		
Temperature:	160 C° 320 F°	160 C° 320 F°
Pressure:	29 PSI 2 Bars	7.3 PSI 0.5 Bars
Dwell Time:	0.00 Min	2.00 Min

Note: Foil is optional for air cooled.

MECHANICAL JOINING METHOD (at smallest pulley diameter)

Recessed Lacing	NO	Hidden Lacing	NO	Staple Lacing	-
Plastic Spiral Lacing	YES	Spiral Finger	YES	APF Fasteners	-
Alligator	-	Clipper Lacing	UCM36 SLXSP, UCM36 SLSP, UCM36 XSP, UCM36 SP, UX-1 SP, UX-1 LLSP		



Slider Bed	Flat Rollers	Slider Beds on Both Sides	Channel Trough	Conventional Trough	Incline Conveying	Incline Variation	Bucket Elevator	Conveyor with Accumulation	Bend Conveyor	Knife Edge Conveyor
●	●	●	◒	●	●	◒	●	●	●	●

● Applicable ◒ Limited Use ● Not Applicable

⚠ **WARNING:** This product can expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit www.P65WARNINGS.ca.gov

*Because of continuous development above data is subjected to change without prior notice by INO USA. This data replaces that included in previous publications. INO USA excludes any liability for the incorrect use of the above stated information.

RELEASED 01/04/2021