

# CONVEYOR AND PROCESS BELTS

# TECHNICAL DATA SHEET

CODE	NA-786	TYPE	2M5 U0-U2 HP VL blue A
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## COMPOSITION

Conveying surface	Material	Polyurethane (TPU) - HP® system	
	Thickness	0.20 mm	0.008 in.
	Surface pattern	Velvet finish	
	Colour	HP® blue	
	Coefficient of friction	MF	
Textile carcass	Material	Polyester (PET) - HP® system	
	Plies no.	2	
	Weft type	Rigid	
Driving surface	Material	Fabric w/polyurethane (TPU) impregn.-HP® system	
	Thickness	---	mm --- in.
	Surface pattern	Fabric	
	Colour	Light blue	

## TECHNICAL SPECIFICATIONS

Total thickness	1.30 mm	0.05 in.
Weight	1.40 kg/m <sup>2</sup>	0.29 lbs./sq.ft
Elongation at 1%	6 N/mm	34.0 lbs./in.
Max. admissible pull	12 N/mm	69.0 lbs./in.
Temperature resistance <sup>(1)</sup>	min.	-30 °C -22 °F
	max.	110 °C 230 °F
<sup>(1)</sup> Use of the belt with limit values may reduce its life.		
Minimum radius / diameter <sup>(2)</sup>		
■ Knife edge minimum radius	4 mm	0,16 in.
■ Bending roller min. diameter	8 mm	0.31 in.
■ Counter-bending roller min. diameter	16 mm	0.63 in.
<sup>(2)</sup> The above mentioned values depend on the type of CHIORINO joint recommended.		
Coefficient of friction on driving surface		
■ Raw steel sheet	0.20 [-]	
■ Laminated plastic/wood	0.25 [-]	
■ Steel roller	0.20 [-]	
■ Rubberized roller	0.30 [-]	
Max. production width	2100 mm	83 in.

## SUITABLE FOR

- Food: slicing machines
- Food: seafood processing
- Food: dairy
- Fruits and vegetables
- Food: bread
- Food: biscuits and crackers: rotary cutter
- Food: chocolate bars
- Pharmaceutics industry
- Food: pizza



## FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (UNI EN ISO 284)	no
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	no
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	no
Chemical resistances (see file available on line)	12

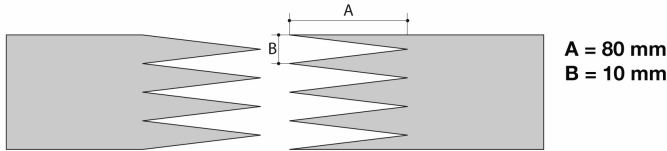
## COMPLIANCES

- REACH Regulation EC 1907/2006 and amendments
- Regulation EC 1935/2004 and amendments
- Regulation EC 2023/2006 and amendments
- Regulation EU 10/2011 and amendments
- FDA (Food and Drug Administration)
- USDA (United States Department of Agriculture)

## NOTES

Thanks to the outstanding resistance to abrasion, oils, fats, detergents and to the most aggressive cleaning procedures, the HP product system is specially recommended for applications that require compliance with HACCP (Hazard Analysis and Critical Control Point) and IFS (International Food Standard).

Recommended joining procedure SINGLE Z



Other joining methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z
- SKIVED JOINT '1'
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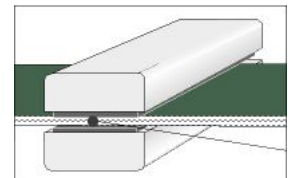
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press P \ PL \ PLS

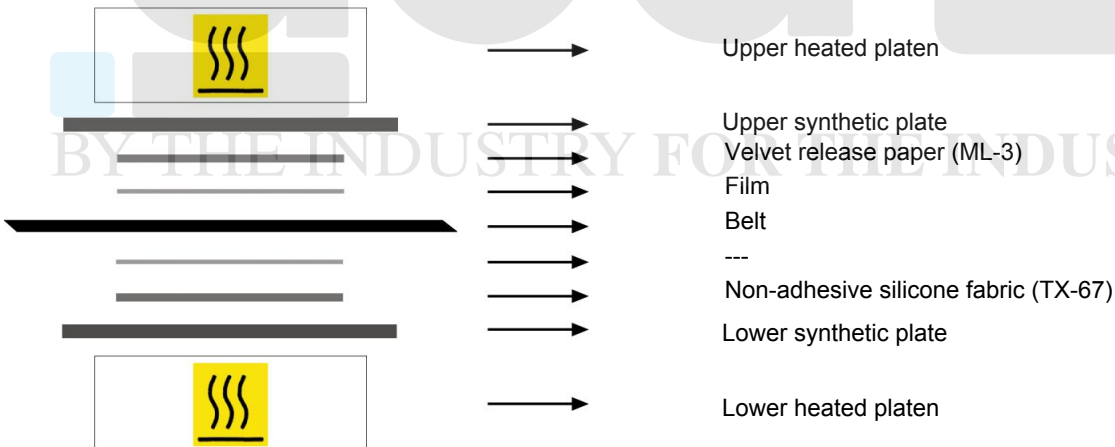
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC-370 - PU HP blue film
Cement	--

1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



2. Allow the cooling cycle to be completed before removing the belt from the press.
3. A reliable strength of the joint is ensured, providing that temperatures reached by the press are those indicated in the table at side. A periodical inspection of the thermostats is recommended, to make sure they function correctly.

• Layout of components



• Notes