

CONVEYOR AND PROCESS BELTS
TECHNICAL DATA SHEET
CODE NA-1394
TYPE
2M12 U0-U15 HP LT blue A
COMPOSITION

Conveying surface	Material	Polyurethane (TPU) - HP® system	
	Thickness	1.50 mm	0.059 in.
	Surface pattern	LT	
	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	LdB fabric	
	Colour	Light blue	

TECHNICAL SPECIFICATIONS

Total thickness	6.00 mm	0.24 in.
Weight	3.50 kg/m ²	0.71 lbs./sq.ft
Elongation at 1%	12 N/mm	69.0 lbs./in.
Max. admissible pull	24 N/mm	137.0 lbs./in.
Temperature resistance ⁽¹⁾	min.	-30 °C -22 °F
	max.	110 °C 230 °F

⁽¹⁾Use of the belt with limit values may reduce its life.

 Minimum radius / diameter ⁽²⁾

■ Knife edge minimum radius	no	
■ Bending roller min. diameter	50 mm	1.97 in.
■ Counter-bending roller min. diameter	80 mm	3.15 in.

⁽²⁾ The above mentioned values depend on the type of CHIORINO joint recommended.

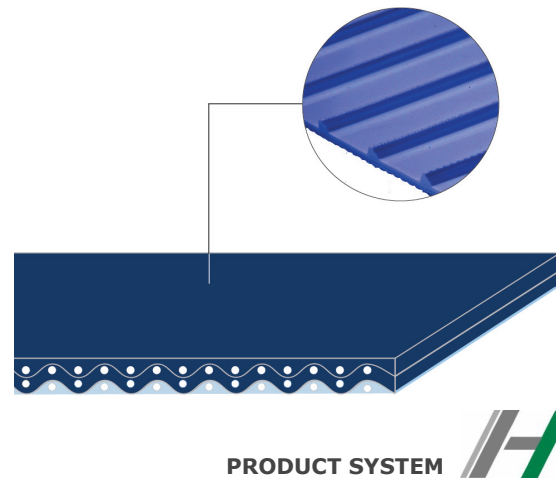
Coefficient of friction on driving surface

■ Raw steel sheet	0.20 [-]
■ Laminated plastic/wood	0.25 [-]
■ Steel roller	0.20 [-]
■ Rubberized roller	0.30 [-]

Max. production width 500 mm 20 in.

SUITABLE FOR

Food industry


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	yes
Inclined conveying	yes
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)

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).

Issue: 10-05-2017

Last Update: 21-12-2017

DISCLAIMER

The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the CHIORINO product. CHIORINO cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice.

CODE **NA-1394** TYPE **2M12 U0-U15 HP LT blue A**

Recommended joining procedure SINGLE Z



Other joining methods can be used:

Check our general catalogue to get further info on CHIORINO joining methods.

• **Pressing**

Heating press **P \ PL \ PLS**

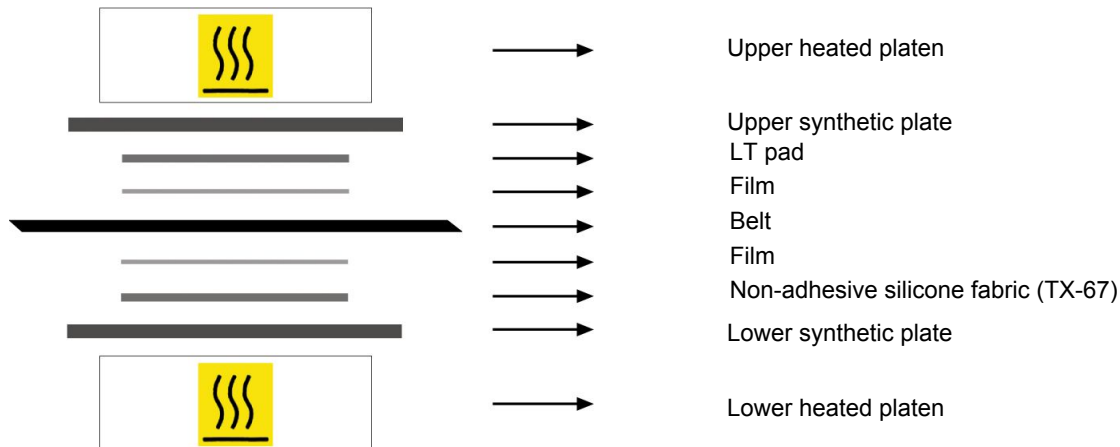
Press settings	
Upper platen temperature	180 °C
Lower platen temperature	150 °C
Temperature gauge setting	175 °C
Curing time in press	6 min.
Pressure	3,5 bar
Film	see notes
Cement	---

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**

Upper side of the belt: use foil TC456 - Reinforced blue HP PU film.
Lower side of the belt: use foil TC33 - Transparent PU film.

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