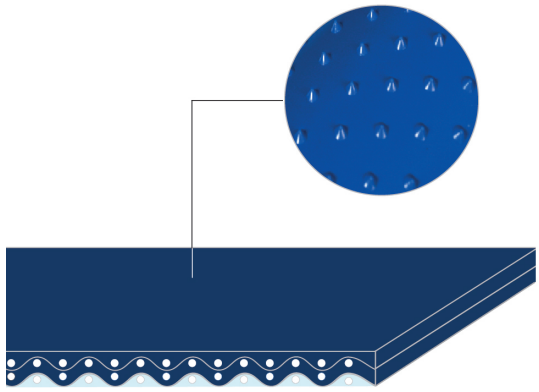
CONVEYOR AND PROCESS BELTS | TECHNICAL DATA SHEET

2M5 U0-U8 HP CC blue AM

COMPOSITION

Conveying surface	Material	Polyurethane (TPU) - HP® system
	Thickness	0.80 mm *0.031 in.*
	Surface pattern	CC
	Colour	HP® blue
	Coefficient of friction	HF
Textile carcass	Material	Polyester (PET) - HP® system
	Plies no.	2
	Weft type	Rigid
Driving surface	Material	Fabric polyurethane (TPU) impregn. - HP® system
	Thickness	mm *0.000 in.*
	Surface pattern	Fabric
	Colour	Light blue



PRODUCT SYSTEM HP® AM

TECHNICAL SPECIFICATIONS

Total thickness	2.90 mm	*0.11*	*in.*
Weight	2.10 kg/m²	*0.43*	*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 (1) min.	-30 °C	*-22*	°F
Temperature resistance (1) 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		mm	*in.*
■ Counter-bending roller min. diameter	30 mm	*1.18*	*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	800 mm	*31*	*in.*

SUITABLE FOR

Food: slicing machines
Food: cheese processing
Fruits and vegetables sorting

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	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances link	12

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments
EC 1935/2004 Regulation and Amendments
EC 2023/2006 Regulation and Amendments
EU 10/2011, 2024/3190 Regulation and Amendments
EC 2025/351 Regulation of 21 February 2025
EC 528/2012 Regulation and Amendments
Exempt from EPA registration under the treated articles exemption in 40 CFR 152.25(a)
FDA (Food and Drug Administration)

NOTES

PRODUCT CODE NA2713 Last Update: 17-09-2025

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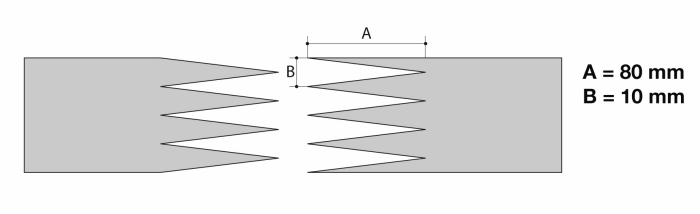
Recommended joining procedure SINGLE Z - 80 x 10 mm



A = 80 mm
B = 10 mm

Other joining methods can be used:

MICRO Z - 30 x 6 mm

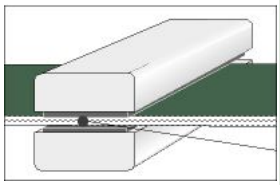
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

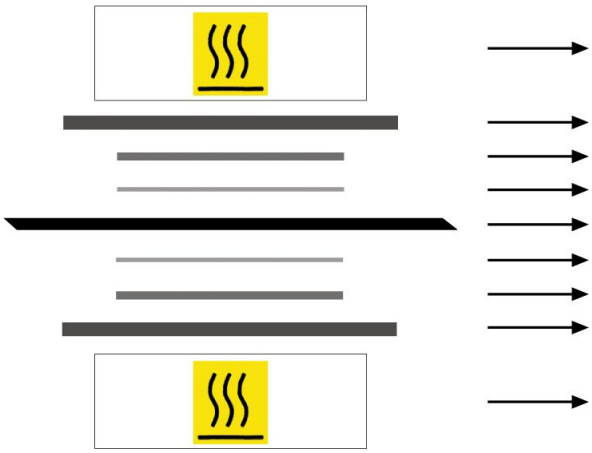
Press settings	
Upper platen temperature	165 °C
Lower platen temperature	165 °C
Temperature gauge setting	165 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	TC715 - Film PU HP blue AM
Cement	---

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



Upper heated platen

Upper synthetic plate

CC silicone pad (IG24)

Belt - Film on top side

Non-adhesive silicone fabric (TX67)

Lower synthetic plate

Lower heated platen

• Notes

PRODUCT CODE NA2713 Last Update: 16-10-2025