

2M5 U2-U2 HP PN blue AM

COMPOSITION

Conveying surface	Material	Polyurethane (TPU) - HP® system		
	Thickness	0.20	mm	0.008 in.
	Surface pattern	PN		
	Colour	HP® blue		
	Coefficient of friction	MF		
Textile carcass	Material	Polyester (PET) - HP® system		
	Plies no.	2		
	Weft type	Rigid		
Driving surface	Material	Polyurethane (TPU) - HP® system		
	Thickness	0.20	mm	0.008 in.
	Surface pattern	Smooth		
	Colour	HP® blue		

TECHNICAL SPECIFICATIONS

Total thickness	1.85 mm	0.07 in.
Weight	1.70 kg/m²	0.35 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 max. 110 °C	-22 °F 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 15 mm 0.59 in.
- Counter-bending roller min. diameter 30 mm 1.18 in.

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

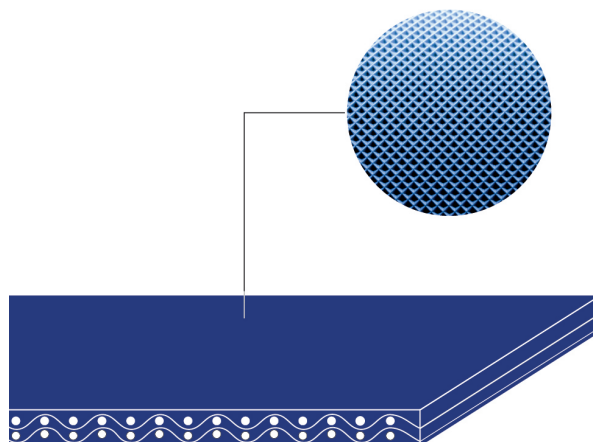
Coefficient of friction on driving surface

- Raw steel sheet 0.30 [-]
- Laminated plastic/wood 0.35 [-]
- Steel roller 0.30 [-]
- Rubberized roller 0.40 [-]

Max. production width 2000 mm 79 in.

SUITABLE FOR

Food: biscuits and crackers
Food: confectionery
Food: seafood processing
Food: dairy
Food: meat and fish processing
Fruits and vegetables



PRODUCT SYSTEM

HP[®] AM

FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	no
Static conductivity (UNI EN ISO 284)	no
Conveying on skid bed	no
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 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

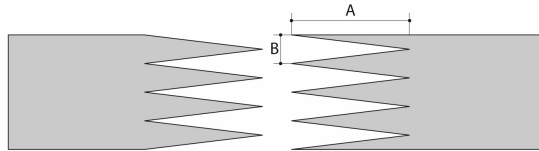
PRODUCT CODE NA2715

Last Update: 17-09-2025

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.

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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:

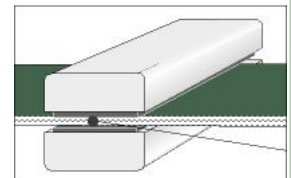
DIAGONAL SINGLE Z
DOUBLE Z

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

• Pressing
Heating press P \ PL \ PLS

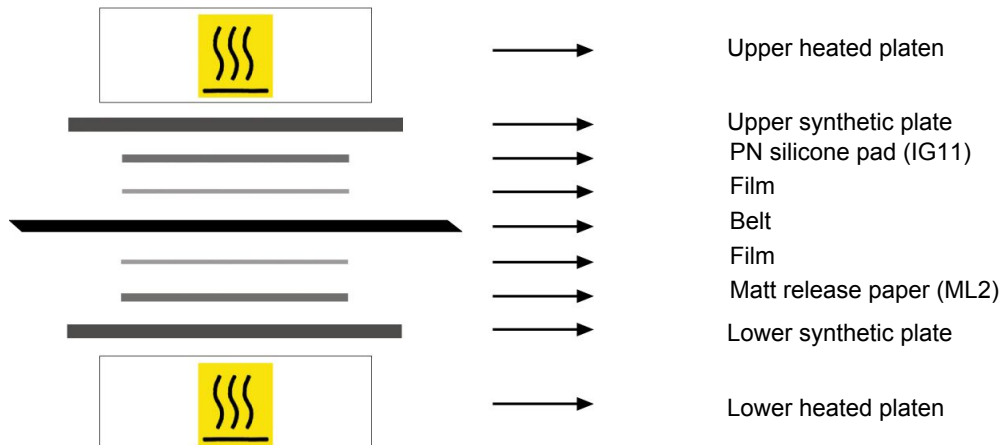
Press settings	
Upper platen temperature	155 °C
Lower platen temperature	160 °C
Temperature gauge setting	155 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	TC715 - Film PU HP blue AM
Cement	---

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

• Notes
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