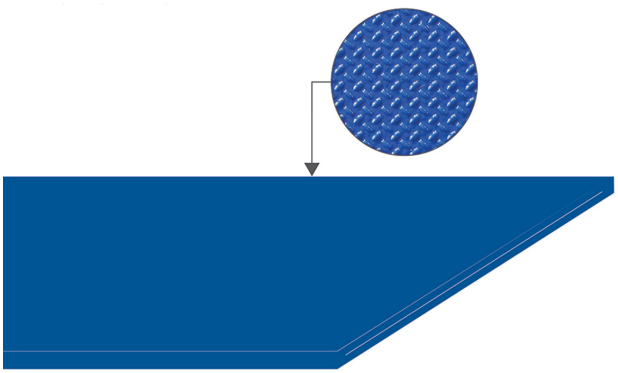
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

HP Compact 25 RG blue AM

COMPOSITION



PRODUCT SYSTEM

Description	Compact belt with traction core treated to avoid waving
Material	Polyurethane (TPU) - HP® system
Thickness	2.50 mm *0.10 in.*
Weight	2.90 kg/m² *0.59 lbs./sq.ft*
Surface pattern	RG
Colour	HP® blue
Coefficient of friction	HF

TECHNICAL SPECIFICATIONS

Elongation at 1%	8 N/mm	*46*	*lbs./in.*
Temperature resistance (1)	min. -30 °C	*-22*	*°F*
	max. +110 °C	*230*	*°F*
Max. production width	2000 mm	*79*	*in.*
Minimum roller diameter:			
■ Bending roller	40 mm	*1.6*	*in.*
■ Counter-bending roller	40 mm	*1.6*	*in.*
Coefficient of friction:			
■ Stainless steel - dry/wet	0.50/0.42 [-]		
■ UHMW(2) - dry/wet	0.42/0.35 [-]		

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

(2)UHMW = Ultra High Molecular Weight

FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	no
Static conductivity (UNI EN ISO 284)	no
C.I.P. (Clean In Place)	yes
Conveying on plastic strips UHMW(2)	yes
Conveying on rollers	yes
Troughed conveying	no
Swan neck conveying	yes
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances link	12

COMPLIANCE

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
FDA (Food and Drug Administration)
HACCP (Hazard Analysis and Critical Control Points)

SUITABLE FOR

Food: meat and fish processing
Food: seafood processing
Food: cheese processing
Fruits and vegetables
Food: bakery
Food: sweet and salty snacks

NOTES

Product valid until 31/08/2026

PRODUCT CODE NA1725A

Last Update: 12-06-2023

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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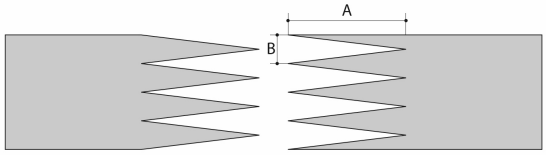
Recommended joining procedure SINGLE Z - 80 x 10 mm



A = 80 mm
B = 10 mm

Other joining methods can be used:

MICRO Z - 30 x 6 mm
DOUBLE Z

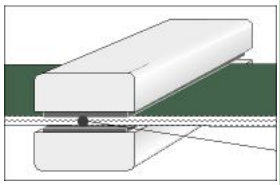
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

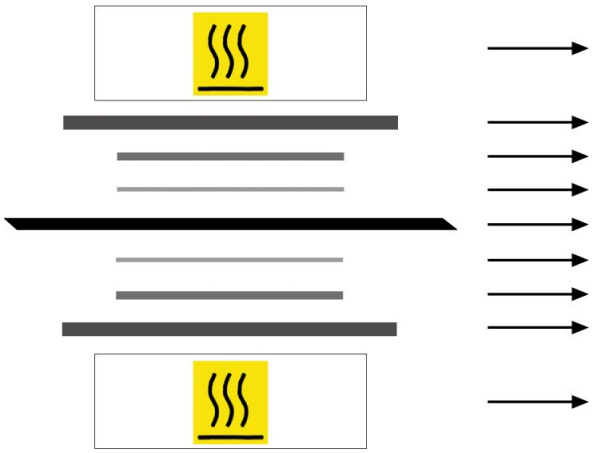
Press settings	
Upper platen temperature	165 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	TC715 - Film PU HP blue AM
Cement	---

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
Silicone pad RG (IG33)
Film
Belt
Film
Matt release paper (ML2)
Lower synthetic plate
Lower heated platen

• Notes

PRODUCT CODE NA1725A Last Update: 26-04-2023

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