

## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

### 2M12 U0-G25 GP

#### COMPOSITION

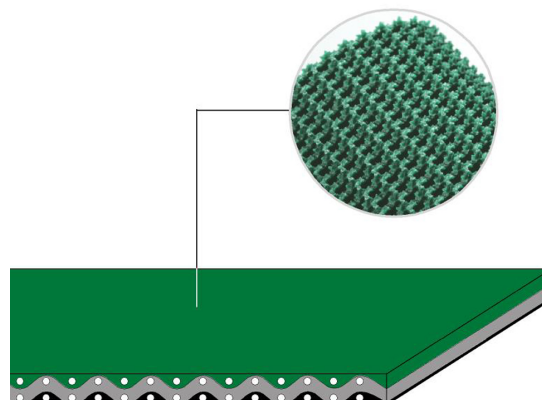
Conveying surface	Material	Natural elastomer			
	Thickness	2.50	mm	0.098 in.	
	Surface pattern	GP			
	Colour	Green			
	Coefficient of friction	HF			
Textile carcass	Material	Polyester (PET)			
	Plies no.	2			
	Weft type	Rigid			
Driving surface	Material	Fabric with polyurethane (TPU) impregnation			
	Thickness	---	mm	---	in.
	Surface pattern	Fabric			
	Colour	Black			

#### TECHNICAL SPECIFICATIONS

Total thickness	5.50 mm	0.22 in.
Weight	4.50 kg/m <sup>2</sup>	0.92 lbs./sq.ft
Elongation at 1%	12.0 N/mm	69.0 lbs./in.
Max. admissible pull	24 N/mm	137.0 lbs./in.
Temperature resistance <sup>(1)</sup>	min. -40 °C max. 100 °C	-40 °F 212 °F
<sup>(1)</sup> use of the belt with limit values may reduce its life		
Minimum roller diameter <sup>(2)</sup>		
■ Knife edge	no	
■ Bending roller	60 mm	2.4 in.
■ Counter-bending roller	80 mm	3.2 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	1800 mm	71 in.

#### SUITABLE FOR

Corrugated carton: feeder  
Wood industry  
Packaging  
Cement industry



#### FEATURES

Humidity influence	no
Suitable to metal detector	no
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 <a href="#">link</a>	8

#### COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

#### NOTES

PRODUCT CODE NA121

Last Update: 24-10-2019

#### 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.

## 2M12 U0-G25 GP

### • Recommended joining procedure

SKIVED JOINT '4'



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

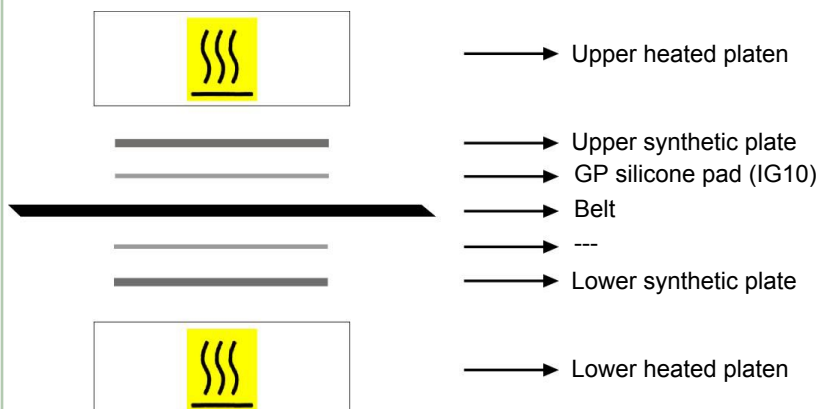
### • Skiving instructions

Skiver	Belt thickness mm	Length mm	Straight/ diagonal cut	Cam/ wedge number	Pulley				Top cover			
					T mm	B mm	Thickness adjustment	End stop switch of working plate	T mm	B mm	Thickness adjustment	End stop switch of working plate
<b>B600 A</b>	5,5	65	Diagonal	1.5-10	---	0	18,4	110	---	15	14,6	120
<b>B300 SA</b>	---	---	---	---	---	---	---	---	---	---	---	---

### • Guide to the use of adhesives

Pour the **I hardener** with the **R cement** (pot-life 2 hours).  
Apply a thin layer of above mix on both splices.  
Let dry for 5 minutes, then match the belt ends, paying attention to align properly.  
Press according to the instructions shown.  
To ensure best joint life it is advisable not to run or tension the belt for 24 hours.

### • Layout of components



#### Press settings

Upper platen temperature	100 °C
Lower platen temperature	100 °C
Curing time in press	25 min.
Driving torque	30

Cooling time:  
it is recommended to remove the belt from the press once a temperature of 60/70 degrees C is reached.

### • Notes

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Last Update: 16-07-2020

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