

## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

CODE **NA1559**

TYPE

**3M18 U0-U-G40 HS GP blue**

### COMPOSITION

Conveying surface	Material	Synthetic elastomer	
	Thickness	4.00 mm	0.157 in.
	Surface pattern	GP	
	Colour	Blue	
	Coefficient of friction	HF	
Textile carcass	Material	Polyester (PET)	
	Plies no.	3	
	Weft type	Rigid	
Driving surface	Material	Fabric with polyurethane (TPU) impregnation	
	Thickness	---	mm --- in.
	Surface pattern	Fabric	
	Colour	White	

### TECHNICAL SPECIFICATIONS

Total thickness	7.70 mm	0.30 in.
Weight	7.60 kg/m <sup>2</sup>	1.55 lbs./sq.ft
Elongation at 1%	18 N/mm	103.0 lbs./in.
Max. admissible pull	36 N/mm	206.0 lbs./in.
Temperature resistance <sup>(1)</sup>	min.	-20 °C -4 °F
	max.	100 °C 212 °F

<sup>(1)</sup> Use of the belt with limit values may reduce its life.

Minimum radius / diameter <sup>(2)</sup>

■ Knife edge minimum radius	no	
■ Bending roller min. diameter	90 mm	3.54 in.
■ Counter-bending roller min. diameter	120 mm	4.72 in.

<sup>(2)</sup> The above mentioned values depend on the type of CHIORINO joint recommende

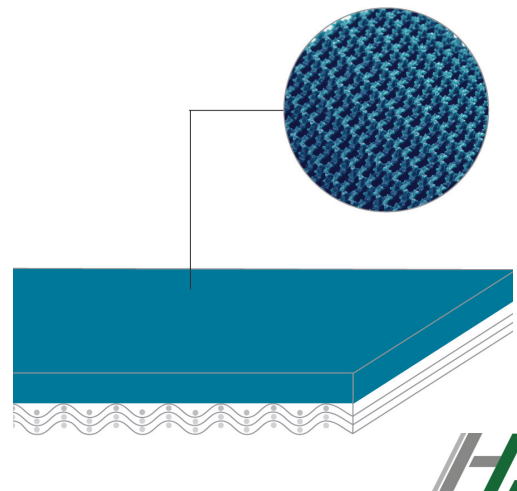
Coefficient of friction on driving surface

■ 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: folding  
Corrugated carton: stacking & transfer



### 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	no
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances <a href="#">link</a>	6

### COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

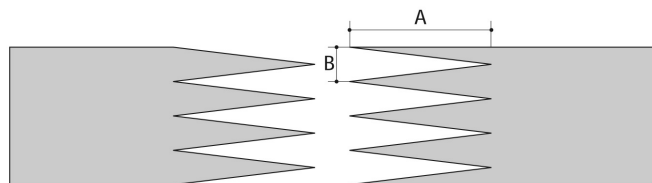
### NOTES

Issue: 23-04-2020

Last Update: 04-12-2020

### 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 NA1559**
**TYPE 3M18 U0-U-G40 HS GP blue**
**Recommended joining procedure**
**SINGLE Z - 120 x 15 mm**

**A = 120 mm**  
**B = 15 mm**
**Other joining methods can be used:**

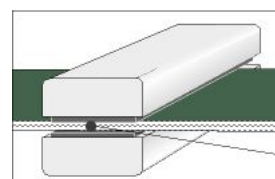
 SINGLE Z - 80 x 20 mm  
 SINGLE Z - 80 x 10 mm  
 ---  
 ---

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

**• Pressing**
**Heating press P \ PL \ PLS**

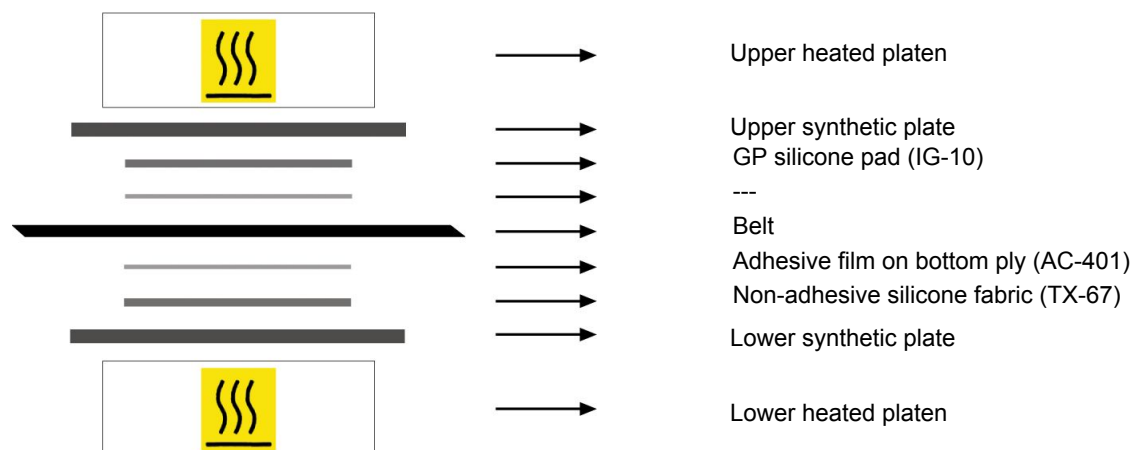
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	145 °C
Temperature gauge setting	150 °C
Curing time in press	2 min.
Pressure	3 bar
Film	TC33 - Transparent PU film
Cement	---

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**
**Warning!** Use TC33 film on the driving side. The elastomer does not melt.

Issued: 28-04-2020

Last Update: 16-09-2020

**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.