

**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**
**CODE NA-1226**
**TYPE**
**3M18 U0-G40 MF**
**COMPOSITION**

<b>Conveying surface</b>	Material	Natural elastomer	
	Thickness	3.70 mm	0.146 in.
	Surface pattern	Smooth	
	Colour	Purple	
	Coefficient of friction	HF	
<b>Textile carcass</b>	Material	Polyester (PET)	
	Plies no.	3	
	Weft type	Rigid	
<b>Driving surface</b>	Material	Fabric with polyurethane (TPU) impregnation	
	Thickness	--- mm	--- in.
	Surface pattern	Fabric	
	Colour	Black	



**TECHNICAL SPECIFICATIONS**

Total thickness	5.70 mm	0.22 in.
Weight	5.90 kg/m <sup>2</sup>	1.20 lbs./sq.ft
Elongation at 1%	18 N/mm	103.0 lbs./in.
Max. admissible pull	36 N/mm	205.6 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 roller diameter <sup>(2)</sup>		
■ Knife edge	no	
■ Bending roller	100 mm	3.9 in.
■ Counter-bending roller	140 mm	5.5 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	1200 mm	47 in.
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**SUITABLE FOR**

Corrugated carton: flexo-folding  
Paper 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 (see file available on line)	8

**COMPLIANCES**

REACH Regulation EC 1907/2006 and amendments

**NOTES**

Issue: 19-09-2014

Last Update: 23-06-2016

**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 NA-1226**
**TYPE**
**3M18 U0-G40 MF**
**• Recommended joining procedure**
**SKIVED JOINT '4'**

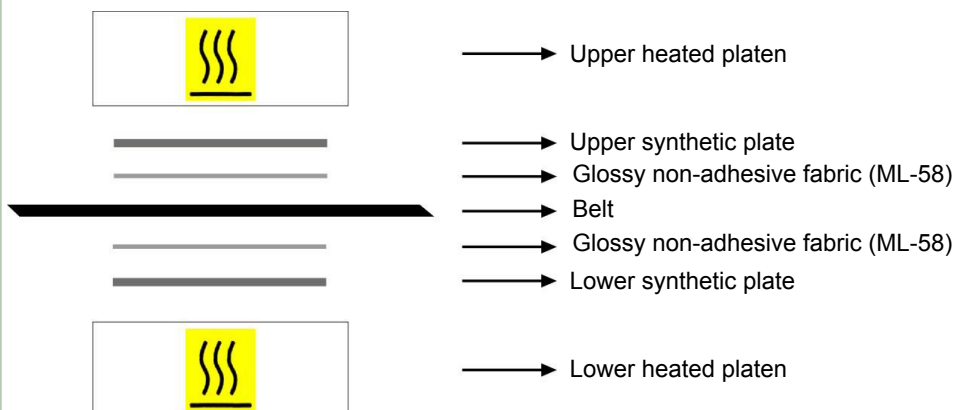

Check our general catalogue to get further info on CHIORINO joining methods.

**• 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>	5.7	80	Straight	1.5-14	---	0	18.5	118	---	22.5	12.75	141
<b>B300 SA</b>	---	---	---	---	---	---	---	---	---	---	---	---

**• Guide to the use of adhesives**

Pour the AD cement with the C hardener (pot-life 2-3 hours) and apply the mix to the skives of the top cover.  
 Pour the I hardener with the R cement (pot-life 2 hours) and apply the mix to the skives of the pulley side.  
 Let dry for 5 minutes then match the ends caring for perfect alignment.  
 Press according to parameters per the "pressing value" chart.  
 To ensure best joint strength allow 24 hours after pressing, prior to tensioning or running.  
 Kit: MF

**• Layout of components**


Press settings	
Upper platen temperature	100 °C
Lower platen temperature	100 °C
Curing time in press	20 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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