

**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**
**CODE NA1418**
**TYPE**
**3M18 U0-U-G40 R MF**
**COMPOSITION**

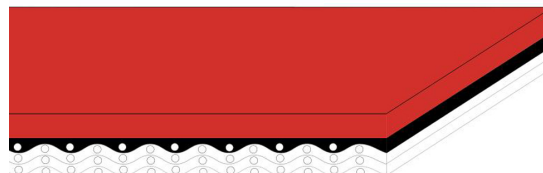
<b>Conveying surface</b>	Material	Natural elastomer	
	Thickness	3.50 mm	0.138 in.
	Surface pattern	Smooth	
	Colour	Red	
	Coefficient of friction	HF	
<b>Textile carcass</b>	Material	Polyester (PET)	
	Plies no.	3	
	Weft type	Rigid	
<b>Driving surface</b>	Material	Fabric with polyurethane (TPU) impregnation	
	Thickness	--- mm	--- in.
	Surface pattern	Fabric	
	Colour	White	

**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	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 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		1600 mm	63 in.

**SUITABLE FOR**

Corrugated carton: feeder  
 Corrugated carton: 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 <a href="#">link</a>	8

**COMPLIANCES**

REACH EC 1907/2006 Regulation and Amendments

**NOTES**

Issue: 19-03-2018

Last Update: 06-12-2021

**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 SKIVED JOINT '4'



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

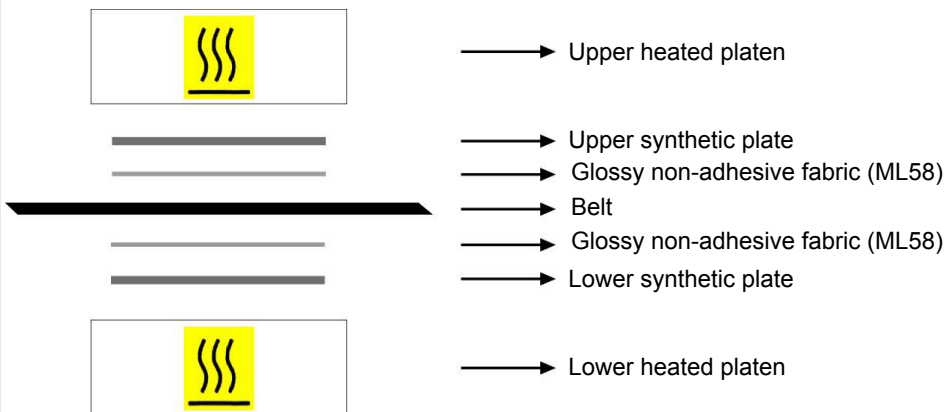
• Skiving instructions

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
B600 A	5,6	80	Straight	1.5-14	---	0	18,5	118	---	22,5	12,75	141
B300 SA	---	---	---	---	---	---	---	---	---	---	---	---

• Guide to the use of adhesives

Pour the AD cement with the I 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.

• 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

Issue: 06-12-2018

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