

3M18 U0-G20 MF

COMPOSITION

Conveying surface	Material	Elastomer	
	Thickness	2.00 mm	0.079 in.
	Surface pattern	Smooth	
	Colour	Red	
	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	Black	

TECHNICAL SPECIFICATIONS

Total thickness	3.50 mm	0.14 in.
Weight	3.60 kg/m ²	0.73 lbs./sq.ft
Elongation at 1%	18.0 N/mm	103.0 lbs./in.
Max. admissible pull	36 N/mm	205.6 lbs./in.
Temperature resistance ⁽¹⁾	min. -20 °C max. 100 °C	-4 °F 212 °F
⁽¹⁾ use of the belt with limit values may reduce its life		
Minimum roller diameter ⁽²⁾		
■ Knife edge	no	
■ Bending roller	100 mm	3.9 in.
■ Counter-bending roller	120 mm	4.7 in.
⁽²⁾ 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.

SUITABLE FOR

Corrugated cardboard



MF™

FEATURES

Humidity influence	no
Suitable to metal detector	yes
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 link	8

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

PRODUCT CODE NA1275

Last Update: 27-05-2024

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.

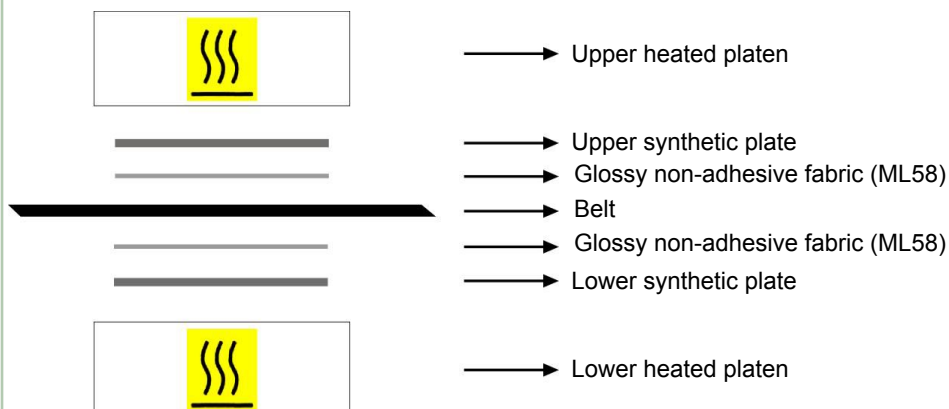
• Skiving instructions

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	3,4	60	Straight	2-10	40	0	17,5	---	40	12	16	---
B300 SA	---	---	---	---	---	---	---	---	---	---	---	---

• Guide to the use of adhesives

Apply **CLEANER I** primer to the skives of the top cover.
Mix the **NE486 cement** with the **BOSTIKURE D.40 hardener** (pot-life 3 hours) with the following weight measurements: 100 g / 6 g.
Apply the mixture to the skives of the top cover.
Mix **hardener I** with **R cement** (pot life 2 hours) and apply the mixture mix to the skives of the pulley side.
Leave to dry for 5 minutes, then join the two ends taking care of 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	115 °C
Lower platen temperature	115 °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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