

CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE **NA1133**

TYPE

2M8 U0-U-G5 HS FL

COMPOSITION

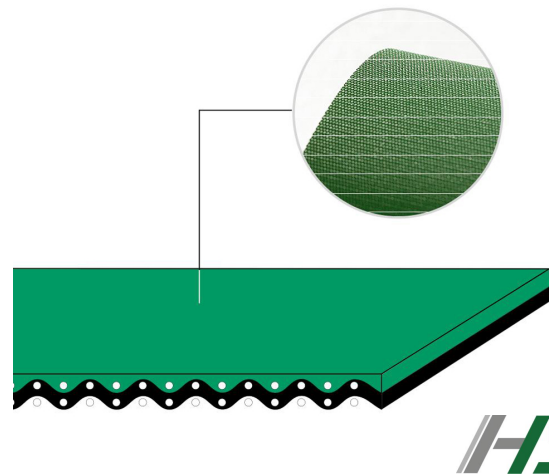
Conveying surface	Material	Synthetic elastomer		
	Thickness	0.50	mm	0.020 in.
	Surface pattern	FL		
	Colour	Green		
	Coefficient of friction	MF		
Textile carcass	Material	Polyester (PET)		
	Plies no.	2		
	Weft type	Rigid		
Driving surface	Material	Fabric with polyurethane (TPU) impregnation		
	Thickness	---	mm	---
	Surface pattern	Fabric		
	Colour	Black		

TECHNICAL SPECIFICATIONS

Total thickness	2.00	mm	0.08	in.
Weight	2.40	kg/m ²	0.49	lbs./sq.ft
Elongation at 1%	8	N/mm	46.0	lbs./in.
Max. admissible pull	16	N/mm	91.4	lbs./in.
Temperature resistance ⁽¹⁾	min.	-20	°C	-4
	max.	100	°C	212
⁽¹⁾ Use of the belt with limit values may reduce its life.				
Minimum radius / diameter ⁽²⁾				
■ Knife edge minimum radius				no
■ Bending roller min. diameter	25	mm	0.98	in.
■ Counter-bending roller min. diameter	25	mm	0.98	in.
⁽²⁾ 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

Wood industry
 Box folding industry
 Printing and graphic: insertion cassettes wind./unwinding
 Packaging
 Mechanical 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 link	6

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

Good resistance to emulsifying mineral oils etc.

Issue: 10-10-2011

Last Update: 09-07-2019

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.

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Recommended joining procedure **SINGLE Z - 80 x 10 mm**



Other joining methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z - 50 x 12 mm
- SKIVED JOINT '2'
-

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

• Pressing

Heating press **P \ PL \ PLS**

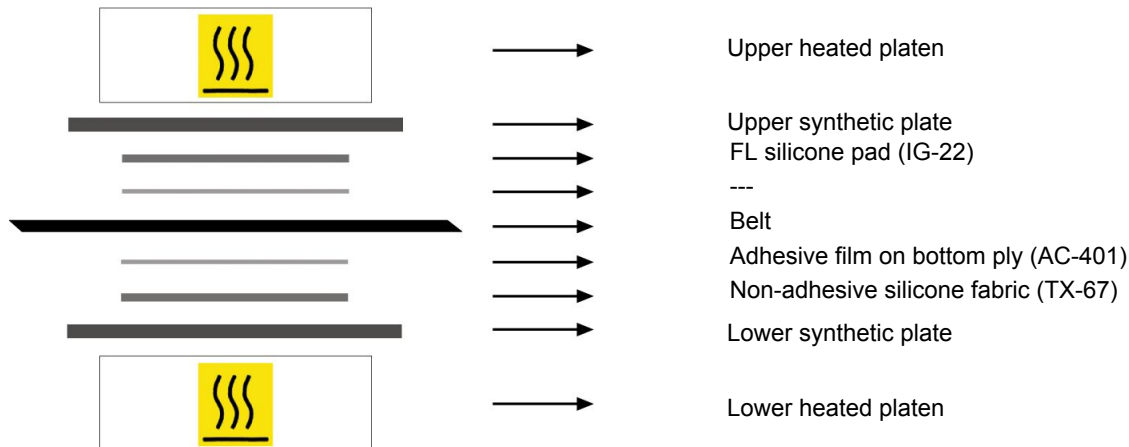
Press settings	
Upper platen temperature	180 °C
Lower platen temperature	110 °C
Temperature gauge setting	145 °C
Curing time in press	3 min.
Pressure	3 bar
Film	none
Cement	---

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

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