

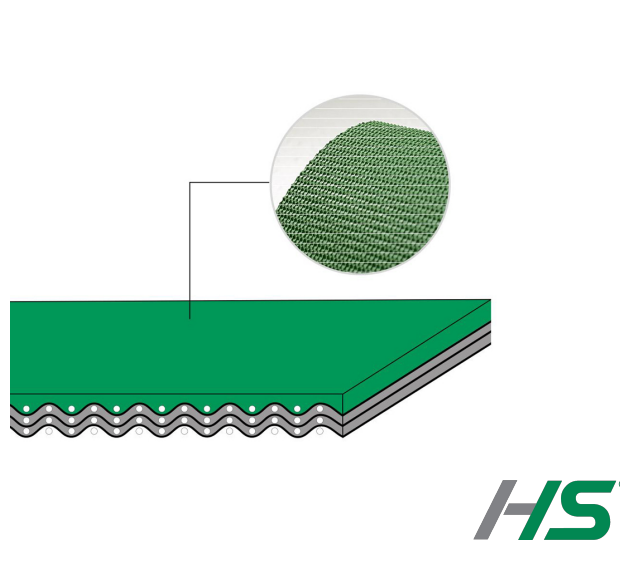
CONVEYOR AND PROCESS BELTS
TECHNICAL DATA SHEET

CODE	NA-1140	TYPE	NT3 HS
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COMPOSITION			
Conveying surface	Material	Synthetic elastomer	
	Thickness	1.00 mm	0.039 in.
	Surface pattern	FL	
	Colour	Green	
	Coefficient of friction	MF	
Textile carcass	Material	Polyamide (PA)	
	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		3.00 mm	0.12 in.
Weight		3.20 kg/m ²	0.65 lbs./sq.ft
Elongation at 1%		6 N/mm	34.0 lbs./in.
Max. admissible pull		12 N/mm	68.5 lbs./in.
Temperature resistance ⁽¹⁾	min.	-20 °C	-4 °F
	max.	100 °C	212 °F
⁽¹⁾ use of the belt with limit values may reduce its life			
Minimum roller diameter ⁽²⁾			
■ Knife edge		no	
■ Bending roller		40 mm	1.6 in.
■ Counter-bending roller		50 mm	2.0 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
Wood industry
Box folding industry: compression and delivery
Printing and graphic: insertion cassettes wind./unwinding
Packaging
Steel blankets magnetic elevators



FEATURES	
Humidity influence	yes
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	yes
Swan neck conveying	no
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances (see file available on line)	6

COMPLIANCES	
REACH Regulation EC 1907/2006 and amendments	

NOTES

Issue: 10-10-2011 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-1140** TYPE **NT3 HS**

• Recommended joining procedure SKIVED JOINT '4'



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

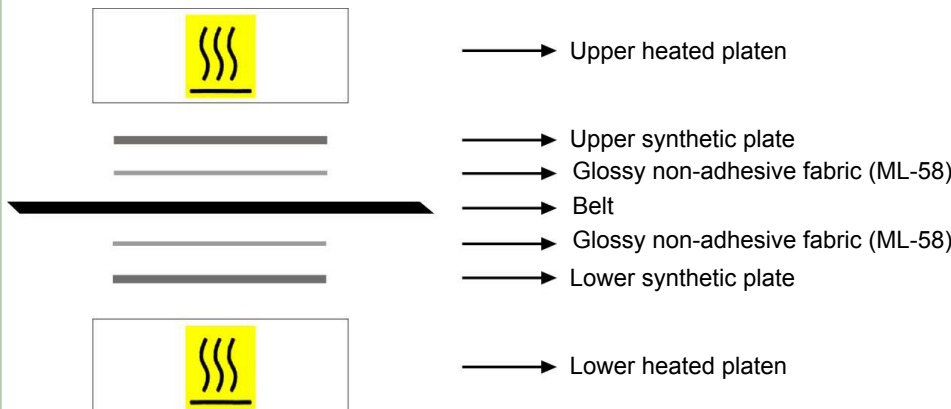
• Skiving instructions

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	3,0	60	Straight	1.5-14	48	0	18,30	---	48	5	17,70	---
B300 SA	3.0	60	Straight	1.5-14	51	0	11-17	---	49	7,5	11-01	---

• Guide to the use of adhesives

Apply the **K cement** on the polyamide part of the splices. Apply the **H primer** on the elastomer part of the two splices and the **B cement** on the elastomer part of a single splice.
 Let dry for 5 minutes, then match the belt ends, paying attention to align properly.
 Press according to the instructions shown.
 To ensure best joint life it is advisable not to run or tension the belt for 24 hours.
 Kit: **CARBOCOL**

• Layout of components



Press settings	
Upper platen temperature	100 °C
Lower platen temperature	100 °C
Curing time in press	10 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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Last Update: 30-01-2014

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