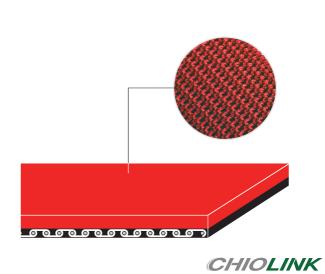


### **CONVEYOR AND PROCESS BELTS**

### **TECHNICAL DATA SHEET**

ChioLink G40 HS GP red

Elongation at 1%       13 N/mm       74.0       lbs./in.         Max. admissible pull       13 N/mm       74.0       lbs./in.         Temperature resistance <sup>(1)</sup> max.       100 °C       212       °F         ( <sup>1)</sup> Use of the belt with limit values may reduce its life.       °F       °F         Minimum radius / diameter <sup>(2)</sup> Knife edge minimum radius       no	C	COMPOSITI	ON							
Surface pattern         GP           Colour Coefficient of friction         Purple red           Material of friction         Purple red           Material Plies no.            Waterial Plies no.            Waterial Plies no.         Mesh, polyester           Thickness Surface pattern Colour         2.50 mm         0.098 in.           Surface pattern            Total thickness         7.00 mm         0.28 in.           Total thickness         7.00 mm         0.28 in.           Weight         8.00 kg/m²         1.63 lbs./sq.fr.           Issistance (1)         13 N/mm         74.0 lbs./in.           Max. admissible pull         13 N/mm         74.0 lbs./in.           Temperature resistance (1)         max.         100 °C         212 °F           (1) Use of the belt with limit values may reduce its life.         vertice         3.15 in.           Minimum radius / diameter (2)         Knife edge minimum radius may reduce its life.         vertice           Knife edge minimum radius depend on the type of CHIORINO joint recommended         3.15 in.           (2) The above mentioned values depend on the type of CHIORINO joint recommended         vertice           (2) The above mentioned values depend on the type of CHIORINO joint recommended		Material Synthetic elastomer (NBR)								
pattern Colour         GP           Qurple red Coefficient of friction         Purple red           Material Plies no.            Waterial Plies no.            Waterial Plies no.         Mesh, polyester           Material Pattern Colour         Mesh, polyester           Thickness Surface pattern Colour         2.50 mm         0.098 in.           Total thickness         7.00 mm         0.28 in.           Total thickness         7.00 mm         0.28 in.           Weight         8.00 kg/m²         1.63 ibs./sq.fr.           Elongation at 1%         13 N/mm         74.0 ibs./in.           Max. admissible pull         13 N/mm         74.0 ibs./in.           Temperature resistance <sup>(1)</sup> use of the belt with limit values may reduce its life.         no           Bending roller min. diameter <sup>(2)</sup> Knife edge minimum radius / diameter <sup>(2)</sup> Knife edge minimum radius s no         3.15 in 3.94 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 0.30 [-] Laminated plastic/wood 0.35 [-]         steel roller         3.39 in.           SUITABLE FOR         Xuran 39 in.         39 in.	6u	Thickness	4.50	mm	0.177	'in.				
Go         Colour Coefficient of friction         Purple red           Material Plies no. Material Plies no. Material Plies no.   Material Plies no.         Mesh, polyester Plies no.         Mesh, polyester Material Colour         Mesh, polyester Pattern Colour         1.0.098 in.            Tectnvical SPECIFICATIONS              Total thickness         7.00 mm         0.28 in.            Numarial Colour              Total thickness         7.00 mm         0.28 in.            Numarial Colour               Total thickness         7.00 mm         0.28 in.            Max. admissible pull         13 N/mm         74.0         lbs./in.           Max. admissible pull         13 N/mm         74.0         lbs./in.           Temperature resistance         min.         -20 °C         -4         °F           Minimum radius / diameter         100 °C         212         °F            Sun	reyir face		GP							
of friction         MF           Material            Plies no.            Weft type            Material         Mesh, polyester           Thickness         2.50 mm         0.098 in.           Surface pattern            Colour            Total thickness         7.00 mm         0.28 in.           Weight         8.00 kg/m²         1.63         lbs./in.           Max. admissible pull         13 N/mm         74.0         lbs./in.           Max admissible pull         100 or m	Conv	•	Purple red							
Plies no.          Weft type          Weft type          Thickness       2.50 mm       0.098 in.         Surface pattern          Colour          TECHNICAL SPECIFICATIONS         Total thickness       7.00 mm       0.28 in.         Weight       8.00 kg/m²       1.63 lbs./sq.ft         Elongation at 1%       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Temperature min.       -20 °C       -4 °F         resistance (1)       max.       100 °C       212 °F         (1) Use of the belt with limit values may reduce its life.       Vertice       96 mm         Minimum radius / diameter <sup>(2)</sup> Knife edge minimum radius       No       96 mm         Bending roller min. diameter       100 mm       3.94 in       100 mm         (2) The above mentioned values depend on the type of CHIORINO joint recommended       100 mm       3.94 in         (2) The above mentioned values depend on the type of CHIORINO joint recommended       100 mm       3.94 in         (2) The above mentioned values depend on the type of CHIORINO joint recommended			MF							
Weft type          Material       Mesh, polyester         Thickness       2.50 mm       0.098 in.         Surface          Colour          TECHNICAL SPECIFICATIONS          Technical       8.00 kg/m²       1.63 lbs./sq.fr         Elongation at 1%       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Temperature resistance (1) max. 100 °C       212 °F         (1) Use of the belt with limit values may reduce its life.       96 mm         Minimum radius / diameter (2)       100 mm       3.15 in.         Nife edge minimum radius in o       80 mm       3.15 in.         Bending roller min. diameter       100 mm       3.94 in.         (2) The above mentioned values depend on the type of CHIORINO joint recommended       1.02 mm         Coefficient of friction on driving surface       Raw steel sheet       0.30 [-]         Laminated plastic/wood       0.35 [-]       Iaminated plastic/wood       0.35 [-]         Steel roller       0.35 [-]       Iaminated plastic/wood       0.35 [-]     <	e SS	Material								
Weft type          Material       Mesh, polyester         Thickness       2.50 mm       0.098 in.         Surface          Colour          TECHNICAL SPECIFICATIONS          Technical       8.00 kg/m²       1.63 lbs./sq.fr         Elongation at 1%       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Temperature resistance (1) max. 100 °C       212 °F         (1) Use of the belt with limit values may reduce its life.       96 mm         Minimum radius / diameter (2)       100 mm       3.15 in.         Nife edge minimum radius in o       80 mm       3.15 in.         Bending roller min. diameter       100 mm       3.94 in.         (2) The above mentioned values depend on the type of CHIORINO joint recommended       1.02 mm         Coefficient of friction on driving surface       Raw steel sheet       0.30 [-]         Laminated plastic/wood       0.35 [-]       Iaminated plastic/wood       0.35 [-]         Steel roller       0.35 [-]       Iaminated plastic/wood       0.35 [-]     <	extil	Plies no.								
Thickness       2.50       mm       0.098       in.         Surface pattern            TECHNICAL SPECIFICATIONS         Tetchnick specifications         Total thickness       7.00 mm       0.28       in.         Weight       8.00 kg/m²       1.63       lbs./sq.ft         Elongation at 1%       13 N/mm       74.0       lbs./in.         Max. admissible pull       13 N/mm       74.0       lbs./in.         Max. admissible pull       13 N/mm       74.0       lbs./in.         Temperature resistance (1) max. 100 °C       212       °F         (1) Use of the belt with limit values may reduce its life.       ino       solution or construction or constru	⊢ ö	Weft type								
Surface pattern Colour          TECHNICAL SPECIFICATIONS         Total thickness       7.00 mm       0.28 in.         Weight       8.00 kg/m²       1.63 lbs./sq.f.         Elongation at 1%       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Temperature min20 °C       -4 °F         resistance (1) max. 100 °C       212 °F         (1) Use of the belt with limit values may reduce its life.       9         Minimum radius / diameter (2)       100 mm       3.15 in.         Ecounter-bending roller min. diameter       100 mm       3.94 in.         (2) The above mentioned values depend on the type of CHIORINO joint recommended       Coefficient of friction on driving surface         Raw steel sheet       0.30 [-]       1         Laminated plastic/wood       0.35 [-]       1         Stel roller       0.25 [-]       1         Max. production width       1000 mm       39 in.		Material	Mesh,	polyester						
Pattern Colour          TECHNICAL SPECIFICATIONS         Total thickness       7.00 mm       0.28 in.         Weight       8.00 kg/m²       1.63 lbs./sq.f.         Elongation at 1%       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Temperature resistance <sup>(1)</sup> max. 100 °C       212 °F         (1) Use of the belt with limit values may reduce its life.         Minimum radius / diameter <sup>(2)</sup> Knife edge minimum radius       no         Bending roller min. diameter       80 mm       3.15 in.         Counter-bending roller min. diameter       100 mm       3.94 in.         (2) The above mentioned values depend on the type of CHIORINO joint recommended       Coefficient of friction on driving surface         Raw steel sheet       0.30 [-]       Iaminated plastic/wood       0.35 [-]         Steel roller       0.25 [-]       Imax. production width       1000 mm       39 in.         SUITABLE FOR       Corrugated cardboard       Corrugated cardboard       Imax. state is a st	ring	Thickness	2.50	mm	0.098	in.				
Colour          TECHNICAL SPECIFICATIONS         Total thickness       7.00 mm       0.28 in.         Weight       8.00 kg/m²       1.63 lbs./sq.ft         Elongation at 1%       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Temperature       min.       -20 °C       -4 °F         resistance (1)       max.       100 °C       212 °F         (1) Use of the belt with limit values may reduce its life.	Driv surf									
Total thickness7.00 mm0.28 in.Weight8.00 kg/m²1.63 lbs./sq.ftElongation at 1%13 N/mm74.0 lbs./in.Max. admissible pull13 N/mm74.0 lbs./in.Max. admissible pull13 N/mm74.0 lbs./in.Temperature resistance (1) max. 100 °C212 °F(1) Use of the belt with limit values may reduce its life.Minimum radius / diameter (2) Ending roller min. diameterNoBending roller min. diameter80 mm3.15 in.(2) The above mentioned values depend on the type of CHIORINO joint recommender0.30 [-]Laminated plastic/wood0.35 [-]Raw steel sheet0.30 [-]Laminated plastic/wood0.35 [-]Max. production width1000 mm39 in.SUITABLE FORCorrugated cardboard										
Weight       8.00 kg/m²       1.63 lbs./sq.ft         Elongation at 1%       13 N/mm       74.0 lbs./in.         Max. admissible pull       13 N/mm       74.0 lbs./in.         Temperature min20 °C       -4 °F         resistance <sup>(1)</sup> max.       100 °C       212 °F         ( <sup>11</sup> ) Use of the belt with limit values may reduce its life.       resistance       °F         Minimum radius / diameter <sup>(2)</sup> Knife edge minimum radius       no         Bending roller min. diameter       80 mm       3.15 in.         Counter-bending roller min. diameter       100 mm       3.94 in.         (2) The above mentioned values depend on the type of CHIORINO joint recommender       Coefficient of friction on driving surface         Raw steel sheet       0.30 [-]       Image: steel roller       3.25 [-]         Raw steel sheet       0.35 [-]       Image: steel roller       39 in.         SUITABLE FOR       SUITABLE FOR       Corrugated cardboard	Т	ECHNICAL	SPECI	FICATION	IS					
Elongation at 1%       13 N/mm       74.0 <i>Ibs./in.</i> Max. admissible pull       13 N/mm       74.0 <i>Ibs./in.</i> Temperature resistance (1) max.       100 °C       212       °F         (1) Use of the belt with limit values may reduce its life.       74.0 <i>Ibs./in.</i> Minimum radius / diameter (2)       max.       100 °C       212       °F         Minimum radius / diameter (2)       Knife edge minimum radius       no       80 mm       3.15 in.         Bending roller min. diameter       80 mm       3.15 in.       3.94 in         (2) The above mentioned values depend on the type of CHIORINO joint recommender       Coefficient of friction on driving surface       Raw steel sheet       0.30 [-]         Laminated plastic/wood       0.35 [-]       Image: superior of the steel roller       39 in.         SuitABLE FOR       SuitABLE FOR       Corrugated cardboard	Tota	al thickness			7.00	mm	0.28	in.		
Max. admissible pull       13 N/mm       74.0       lbs./in.         Temperature resistance (1) max.       100 °C       212       °F         (1) Use of the belt with limit values may reduce its life.       resistance       °F         Minimum radius / diameter (2)       Knife edge minimum radius       no         Bending roller min. diameter       80 mm       3.15 in.         Counter-bending roller min. diameter       100 mm       3.94 in.         (2) The above mentioned values depend on the type of CHIORINO joint recommended       Coefficient of friction on driving surface         Raw steel sheet       0.30 [-]       Image: Steel roller       3.25 [-]         Steel roller       0.35 [-]       Image: Steel roller       39 in.         SUITABLE FOR       Corrugated cardboard       1000 mm       39 in.	Wei	ght			8.00	kg/m²	1.63	lbs./sq.ft		
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.       resistance (2)         Minimum radius / diameter (2)       no         Bending roller min. diameter       80 mm         Bending roller min. diameter       100 mm         (2) The above mentioned values depend on the type of CHIORINO joint recommender         Coefficient of friction on driving surface         Raw steel sheet       0.30 [-]         Laminated plastic/wood       0.35 [-]         Rubberized roller       0.35 [-]         Max. production width       1000 mm       39 in.	Elon	ngation at 1	%		13	N/mm	74.0	lbs./in.		
resistance <sup>(1)</sup> max. 100 °C 212 °F <sup>(1)</sup> Use of the belt with limit values may reduce its life. Minimum radius / diameter <sup>(2)</sup> I Knife edge minimum radius no Bending roller min. diameter 80 mm 3.15 in Counter-bending roller min. diameter 100 mm 3.94 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 0.30 [-] Laminated plastic/wood 0.35 [-] Steel roller 0.25 [-] Rubberized roller 0.35 [-] Max. production width 1000 mm 39 in. SUITABLE FOR Corrugated cardboard	Max	. admissible	pull		13	N/mm	74.0	lbs./in.		
(1) Use of the belt with limit values may reduce its life. Minimum radius / diameter <sup>(2)</sup> Knife edge minimum radius no Bending roller min. diameter 80 mm 3.15 in Counter-bending roller min. diameter 100 mm 3.94 in. (2) The above mentioned values depend on the type of CHIORINO joint recommended Coefficient of friction on driving surface Raw steel sheet 0.30 [-] Laminated plastic/wood 0.35 [-] Steel roller 0.25 [-] Rubberized roller 0.35 [-] Max. production width 1000 mm 39 in. SUITABLE FOR Corrugated cardboard	Temperature			min.			-4			
Minimum radius / diameter <sup>(2)</sup> <ul> <li>Knife edge minimum radius</li> <li>Bending roller min. diameter</li> <li>Ro mm</li> <li>Suntable Procession</li> </ul> (2) The above mentioned values depend on the type of CHIORINO joint recommender Coefficient of friction on driving surface                Raw steel sheet              0.30 [-]                Laminated plastic/wood              0.35 [-]                Rubberized roller              0.35 [-]                Rubberized roller              0.35 [-]                Max. production width              1000 mm                SUITABLE FOR               SUITABLE FOR										
<ul> <li>Knife edge minimum radius no</li> <li>Bending roller min. diameter 80 mm 3.15 in.</li> <li>Counter-bending roller min. diameter 100 mm 3.94 in.</li> <li>Counter-bending roller min. diameter 100 mm 3.94 in.</li> <li>The above mentioned values depend on the type of CHIORINO joint recommender</li> <li>Coefficient of friction on driving surface</li> <li>Raw steel sheet 0.30 [-]</li> <li>Laminated plastic/wood 0.35 [-]</li> <li>Steel roller 0.25 [-]</li> <li>Rubberized roller 0.35 [-]</li> <li>Max. production width 1000 mm 39 in.</li> <li>SUITABLE FOR</li> <li>Corrugated cardboard</li> </ul>										
<ul> <li>Counter-bending roller min. diameter 100 mm 3.94 in.</li> <li>Counter-bending roller min. diameter 100 mm 3.94 in.</li> <li>The above mentioned values depend on the type of CHIORINO joint recommender</li> <li>Coefficient of friction on driving surface</li> <li>Raw steel sheet 0.30 [-]</li> <li>Laminated plastic/wood 0.35 [-]</li> <li>Steel roller 0.25 [-]</li> <li>Rubberized roller 0.35 [-]</li> <li>Max. production width 1000 mm 39 in.</li> <li>SUITABLE FOR</li> <li>Corrugated cardboard</li> </ul>										
<ul> <li>(2) The above mentioned values depend on the type of CHIORINO joint recommended</li> <li>Coefficient of friction on driving surface</li> <li>Raw steel sheet</li> <li>0.30 [-]</li> <li>Laminated plastic/wood</li> <li>0.35 [-]</li> <li>Steel roller</li> <li>0.25 [-]</li> <li>Rubberized roller</li> <li>0.35 [-]</li> <li>Max. production width</li> <li>1000 mm</li> <li>39 in.</li> <li>SUITABLE FOR</li> <li>Corrugated cardboard</li> </ul>								3.15 in.		
Coefficient of friction on driving surface         Raw steel sheet       0.30 [-]         Laminated plastic/wood       0.35 [-]         Steel roller       0.25 [-]         Rubberized roller       0.35 [-]         Max. production width       1000 mm       39 in.         SUITABLE FOR       Corrugated cardboard	5									
Raw steel sheet       0.30 [-]         Laminated plastic/wood       0.35 [-]         Steel roller       0.25 [-]         Rubberized roller       0.35 [-]         Max. production width       1000 mm       39 in.         SUITABLE FOR       Corrugated cardboard						of CHIO	RINO joint re	commende		
Laminated plastic/wood 0.35 [-]     Steel roller 0.25 [-]     Rubberized roller 0.35 [-]  Max. production width 1000 mm 39 in.  SUITABLE FOR Corrugated cardboard										
Rubberized roller       0.35 [-]         Max. production width       1000 mm       39 in.         SUITABLE FOR       Corrugated cardboard       V										
Max. production width     1000 mm     39 in.       SUITABLE FOR       Corrugated cardboard										
SUITABLE FOR Corrugated cardboard	R	ubberized ro	oller		0.35	[-]				
Corrugated cardboard	Max	. productior	n width		1000	mm	39	in.		
5	S	<b>SUITABLE F</b>	OR							
		5	dboard							
	PRODUCT CODE NA1595									



FEATURES					
Humidity influence					
Suitable to metal detector	yes				
Permanent antistatic dynamically (UNI EN ISO 21179)	no				
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

Fast splicing without presses, fasteners or glues

Last Update: 01-02-2021

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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