

2MT4 O0-O2 HY FXD AM

COMPOSITION

Conveying surface	Material	Thermoplastic Polyolefin (TPO)			
	Thickness	0.20	mm	0.008 in.	
	Surface pattern	FL			
	Colour	Silver			
	Coefficient of friction	LF			
Textile carcass	Material	Polyester (PET)			
	Plies no.	2			
	Weft type	Combined			
Driving surface	Material	Fabric with polyolefin (TPO) impregnation			
	Thickness	---	mm	---	in.
	Surface pattern	Fabric			
	Colour	White			

TECHNICAL SPECIFICATIONS

Total thickness	1.10 mm	0.04 in.
Weight	1.20 kg/m ²	0.24 lbs./sq.ft
Elongation at 1%	4 N/mm	23.0 lbs./in.
Max. admissible pull	8 N/mm	46.0 lbs./in.
Temperature resistance ⁽¹⁾	min. -40 °C	-40 °F
	max. 80 °C	176 °F

⁽¹⁾ Use of the belt with limit values may reduce its life.

Minimum radius / diameter ⁽²⁾

■ Knife edge minimum radius	3 mm	0.12 in.
■ Bending roller min. diameter	6 mm	0.24 in.
■ Counter-bending roller min. diameter	16 mm	0.63 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	1600 mm	63 in.
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SUITABLE FOR

Food: confectionery
 Food: chocolate bars
 Food: chocolate cooling tunnel
 Food: bakery
 Food: dairy
 Food: meat and fish processing
 Food: poultry
 Food: seafood processing



HYPERCLEAN®

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	yes
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	yes
Chemical resistances link	12

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments
 EC 1935/2004 Regulation and Amendments
 EC 2023/2006 Regulation and Amendments
 EU 10/2011, 2023/1442 Regulation and Amendments
 FDA (Food and Drug Administration)



NOTES

Maximum production width 1600 mm. Requests for production in wider widths must be authorized by Chiorino Technical Management

PRODUCT CODE NA1778

Last Update: 01-04-2025

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.