

**Your partner
for food safety**

Detectable conveyor belts



Detectable conveyor belts



Chiorino DET™ is a full range of **food grade metal detectable** products.

The exclusive DET™ TPU belt is **recognized** in very **small particles** by the metal detectors used in food processing and packaging.

Chiorino DET™ line guarantees a **safest food production** and **prevents products recalls**.

Key features

EU and FDA food regulations compliant

Excellent resistance to bacteria proliferation and cleaning procedures

Highest detectability

Superior resistance to cut, abrasion and aggressive fats and oils

Benefits

▶ **Guaranteed food safety**

▶ **No food contamination**
▶ **Waste reduction**
▶ **Prevents product recalls**

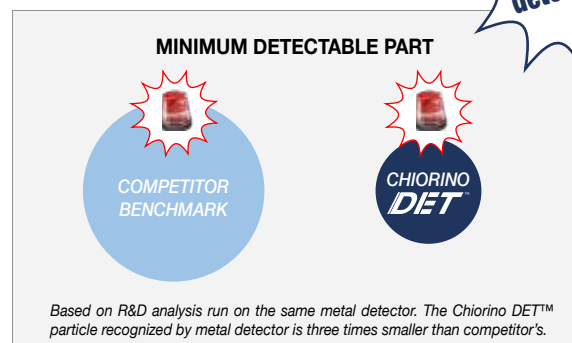
▶ **Long service life**

DET™ Superior detectability

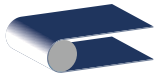
R&D comparison between Chiorino DET™ line and competitor benchmark shows that the DET™ line is far more detectable: **plus 300%**.

A very small debris of DET™ belt is recognized by the metal detector.

The **prompt identification** and removal of the contaminated product assures a **safest food** processing and packaging.



DIET™ Full range



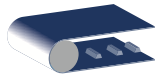
Conveyor belts

Code	Type	Conveying surface coating		Driving surface coating		Perm. antist.	Total thickness	Min. diam. ¹	Pull for 1% elong.	Temperature resistance		Max. prod. width	
		material	colour	material	colour					min. °C	max. °C		
NA-1379	EL4-U20 blue DET	TPU	dark blue	TPU	dark blue	no	2.0	10	4 ²	-30	60	2000	
NA-1323	EL6-U30 blue DET	TPU	dark blue	TPU	dark blue	no	3.0	20	6 ²	-30	60	2000	
NA-1373	2M5 U0-U2 blue DET	TPU	dark blue	-	light blue	yes	1.3	8	5	-30	110	2000	
NA-1374	2T12 U0-U2 blue DET	TPU	dark blue	-	light blue	yes	1.6	25	12	-30	110	2000	

DET™ belts can be supplied with **sealed edges**.

¹ Minimum roller diameter is dependent on the joint recommended by Chiorino.

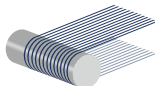
² EL series belts: pull for 8% elongation



Positive Drive

Code	Type	Total thickness	Material	Colour	Pitch	Tooth section	Tooth length	Pull for 1% elong.	Min. diameter ¹	Temperature resistance		Max. prod. width	
										min. °C	max. °C		
NA-1395F_D6	DRIVE U-U 25/20 blue DET	2.5	TPU	dark blue	20	6 x 3	72	5	60	-20	90	800	

¹ Minimum roller diameter is dependent on the joint recommended by Chiorino.



Round belts

Code	Type	Material	Colour	Surface	Diameter	Pull for 8% elongation	Min. diameter ¹	Temperature resistance	
								min. °C	max. °C
ES-790	RU-4 blue DET	TPU	dark blue	smooth	4	30	35	-20	60
ES-791	RU-6 blue DET	TPU	dark blue	smooth	6	70	50	-20	60
ES-792	RU-8 blue DET	TPU	dark blue	smooth	8	130	70	-20	60

¹ Minimum roller diameter is dependent on the joint recommended by Chiorino.



Longitudinal guides and profiles

Code	Type	Dimensions b x h mm	Material	Colour	Hardness	Min. longitudinal pitch mm	Min. longitudinal diameter ¹ mm
ES-751	K6 U blue DET	6 x 3	TPU	dark blue	85 Sh A	40	30
ES-752	K8 U blue DET	8 x 5	TPU	dark blue	85 Sh A	40	40
ES-733	K10 U blue DET	10 x 6	TPU	dark blue	85 Sh A	40	65

¹ Minimum roller diameter is dependent on the joint recommended by Chiorino.

CHIORINO AFFILIATED COMPANIES

Australia

CHIORINO AUSTRALIA PTY. LTD.
Brisbane
Tel. +61-7-3274 1900
sales@chiorino.com.au
www.chiorino.com.au

Benelux

CHIORINO BENELUX B.V. - Utrecht,
The Netherlands
Tel. +31-30-2413060
chiorino@chiorino.nl
www.chiorino.nl

Byelorussia

CHIORINO-K - Minsk
Tel. +375-17-2804578
general@chiorino.ru
www.chiorino.ru

China

CHIORINO ASIA Ltd.
Hong Kong
Tel. +852-397-10818
info@chiorino.asia
www.chiorino.asia

CHIORINO LIAISON OFFICE, Shanghai

Tel. +86-21-37831019
info@chiorino.cn
www.chiorino.cn

France

CHIORINO SAS - Lagny, Paris
Tel. +33-1-64304075
chiorino.paris@chiorino.fr
www.chiorino.fr

Germany

CHIORINO GmbH - Mainz
Tel. +49-(0)6131-55449-0
info@chiorino.de
www.chiorino.de

Hungary

CHIORINO Kft. - Szigetszentmiklós,
Budapest
Tel. +36-24-525930
mail@chiorino.hu
www.chiorino.hu

India

CHIORINO INDIA - Salcete Goa
Tel. +918-322-782454
info@chiorino.in
www.chiorino.in

Italy

CHIORINO PARMA s.r.l. - Parma
Tel. +39-0521-292236
chiorinoparma@chiorino.com

CHIORINO VENETO s.r.l. - Colle Umberto
Tel. +39-0438-430460
chiorinoveneto@chiorino.com

Poland

CHIORINO Sp. z o.o. - Bydgoszcz
Tel. +48-(0)52-3487708
chiorino@chiorino.com.pl
www.chiorino.com.pl

Portugal

CHIORINO PORTUGAL, LDA
Alfena Valongo, Porto
Tel. +35-122-9684442
geral@chiorino.pt
www.chiorino.pt

Romania

CHIORINO srl - Cluj Napoca
Tel. +40-264-432977
chiorino@chiorino.ro
www.chiorino.ro

South Africa

CHIORINO SOUTH AFRICA (PTY) LTD.
Johannesburg
Tel. +27-11-3971268
sales@chiorino.co.za
www.chiorino.com

Spain

CHIORINO IBERICA S.A. - Rubí, Barcelona
Tel. +34-93-5860480
chiorino@chiorino.es
www.chiorino.es

Switzerland

CHIORINO SCHWEIZ GmbH - Wetzikon
Tel. +41-(0)43-3116001
info@chiorino.ch
www.chiorino.ch

United Kingdom

CHIORINO U.K. Ltd. - Featherstone
Tel. +44-1977-691880
sales@chiorino.co.uk
www.chiorino.co.uk

U.S.A.

CHIORINO INC. - Newark, DE
Tel. +1-302-292-1906
info@chiorino.us
www.chiorino.us

CHIORINO DISTRIBUTORS

Albania
Argentina
Armenia
Austria
Azerbaijan
Bangladesh
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Bolivia
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HEADQUARTERS AND PRODUCTION PLANTS

CHIORINO S.p.A.

Via S. Agata, 9
I-13900 Biella, Italy
Tel. +39 015 8489 1
Fax +39 015 849 61 61
chiorino@chiorino.com
www.chiorino.com

UNI EN ISO 9001:2015
UNI EN ISO 14001:2015
OHSAS 18001:2007
EMAS



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