

CHIORINO[®]
1906

Passion for belting

Your partner
for food safety

FXD[™]

Dual detectable food belts



X-Ray & Metal



FXDTM X-Ray and Metal detectable belts

Chiorino **FXD**TM is the only range of food grade conveyor and process belts **detectable by both X-rays and Metal detectors**: the only product line on the market combining these features.

Thanks to the Chiorino engineered **FXD**TM TPU, the belt can be **identified in very small pieces** by the inspection systems used in food processing and packaging.

Where Foreign Material Contamination is a dangerous concern, Chiorino **FXD**TM is **the solution to minimize risk and to prevent costly products recalls**.



A unique solution

Chiorino **FXD**TM belts installed on production lines equipped with both **X-ray & Metal detectors** **reduce significantly** the risk of

Foreign Material Contamination originating accidentally from the belt, thus avoiding potential hazard to the consumer.

Risk minimization

Acting before reacting



X-Ray



Metal



FXDTM

Chiorino unique solution



Dual detectability

X-Ray and Metal detectors

Chiorino **FXD**TM engineered solution



Detectable by X-Ray scanner



Detectable by Metal detector

Superior detectability

Total food compliance

Antimicrobial version available also



Prevent Foreign Material Contamination
Minimize risk of product recalls
Waste reduction



Guaranteed food safety

Combined exclusive features



Easier and more efficient spare parts management



Optimized cost of ownership



Premium performances

Unique engineered polyurethane

Excellent resistance to:

- Chemicals & sanitization agents
- Fats and aggressive oils
- Mechanical stress caused by knife edges backflexing and scrapers



Total food safety



Easy to clean



Increased production efficiency



Long service life



Production program

Conveyor belts

Code	Type	Material	Colour	Surface	Total thickness mm	Knife edge min. radius ⁽¹⁾ mm	Min. pulley diameter ⁽¹⁾ mm	Pull for 1% elongation N/mm	Temperature resistance °C	
									min.	max.
NA1590	1M5 U0-U2 FXD	TPU	silver	smooth	0.75	4	8	5	-20	100
NA1598	1M5 U0-U2 FXD VL	TPU	silver	VL	0.75	4	8	5	-20	100
NA1606	1T6 U0-U2 FXD	TPU	silver	smooth	0.80	4	8	6	-20	100
NA1591	2M5 U0-U2 FXD	TPU	silver	smooth	1.30	4	8	6	-20	100
NA1599	2M5 U0-U2 FXD VL	TPU	silver	VL	1.30	4	8	6	-20	100



NA1714	1M5 U0-U2 FXD AM	TPU	silver	smooth	0.75	4	8	5	-20	100
NA1754	1M5 U0-U2 FXD VL AM	TPU	silver	VL	0.75	4	8	5	-20	100
NA1753	2M5 U0-U2 FXD AM	TPU	silver	smooth	1.30	4	8	6	-20	100
NA1755	2M5 U0-U2 FXD VL AM	TPU	silver	VL	1.30	4	8	6	-20	100

FXD™ belts can be supplied with sealed edges.

Profiles / Guides

Code	Type	Material	Colour	Dimensions b x h mm	Base	Hardness Sh.	Min. pitch		Temperature resistance °C	
							long. mm	transv. mm	min.	max.
ES898	K6x4 U P FXD	TPU	silver	6 x 4	flat	85	40	40	-20	60
ES948	K10 U P FXD	TPU	silver	10 x 6	flat	85	40	40	-20	60
ES899	K13 U P FXD	TPU	silver	13 x 8	flat	85	45	45	-20	60
ES883	T60 U FXD	TPU	silver	20 x 60	flat	85	-	45	-20	60

⁽¹⁾ Minimum radius / pulley diameter is dependent on the joint recommended by Chiorino.

The technical data are valid under normal environmental conditions and are subject to change without notice.

Due to the variety of different worldwide regulations, the information in this catalogue are valid for Europe. For other geographical areas please contact our Sales Departments.



Certified Food Compliance

To protect Consumer's health, CHIORINO process and conveyor belts comply with the latest european and international Food Regulations:

REGULATION EC 1935/2004 and amendments

REGULATION EC 2023/2006 and amendments

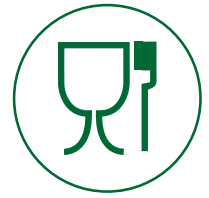
REGULATION EU 10/2011 and amendments

FDA (Food and Drug Administration)



FXD™ AM

Antimicrobial version



Prevent foreign material contamination Increase food safety & hygiene

Food industry is continuously establishing stricter hygiene standards to prevent contaminations by microorganisms that may cause serious foodborne diseases and costly product recalls.

Chiorino **AM Antimicrobial** conveyor and process belts represent a breakthrough for food safety & hygiene.

The **AM bacteriostatic action** prevents bacteria build-up on the belt surface by breaking the cycle of biofilm creation.

Chiorino **FXD™ AM** belts combine the **FXD™ dual detectability** with the **antimicrobial bacteriostatic** action of the Chiorino **AM** line.

The result is the **ultimate food safety belt**.



Dual detectability

X-Ray & Metal detectors



Durable inhibition of biofilm growth

EC 1935/2004 & FDA food compliance



Preserve food quality

No contamination from the belt



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Chiorino operates all over the world through the Group companies and more than 100 distributors.

More info on www.chiorino.com

