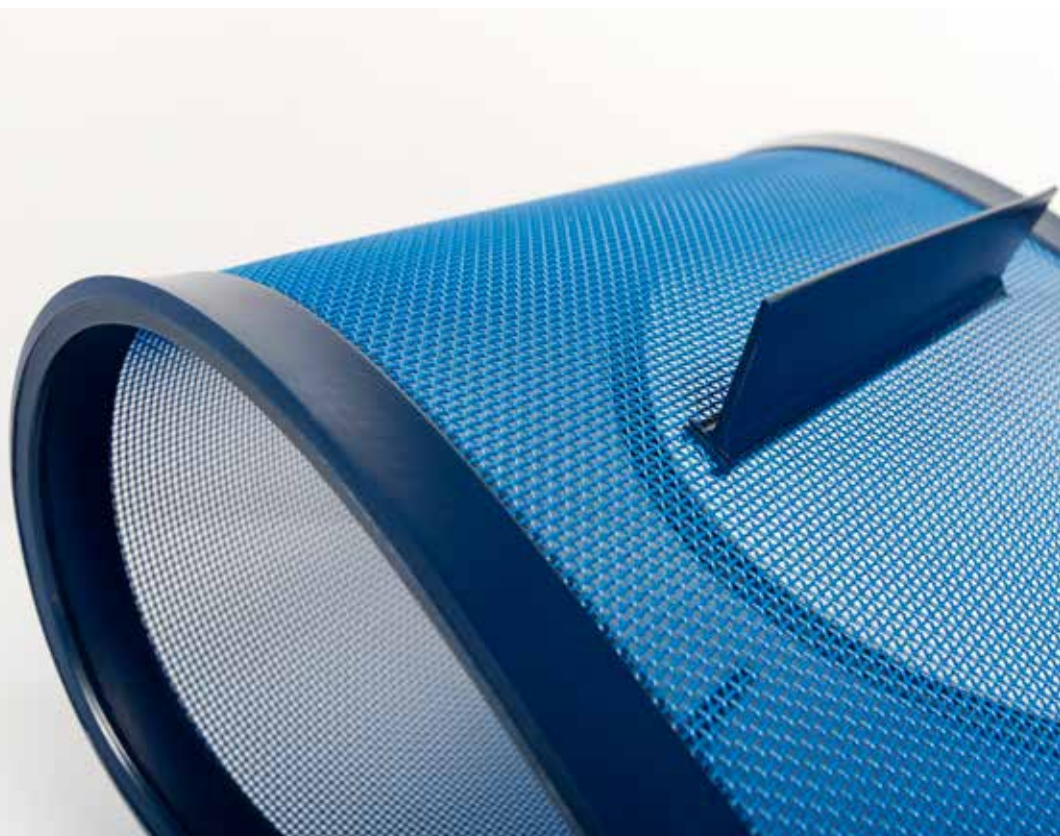


CHIORINO[®]
1906

Passion for belting

**Your partner
for food safety**

Mesh belts with metal detectable
edges, guides and profiles



DET[®]



Mesh belts with metal detectable edges, guides and profiles



CHIORINO DET® **mesh belts** guarantee **full metal detectability** of sealed edges, guides and profiles that may accidentally be damaged during the process.

CHIORINO DET® mesh belts are the ultimate solution for **total food safety** and **risks minimization**, preventing product recalls.

The wide choice of permeability range is ideal for any food product size and application: Washing, Draining, Drying, Cooling etc.

KEY FEATURES

+ BENEFITS

Metal detectable edges, guides and profiles	>	No food contamination Waste reduction Prevent product recalls
EU & FDA food compliance	>	Total food safety
Full choice of mesh permeability	>	Excellent drainage Ideal for any application Increased production output
Superior resistance to: - Hydrolysis - Abrasion - Aggressive fats and oils	>	Easy to clean Long service life
Can be supplied endless or with mechanical joints	>	Easy and quick to install



Certified Food Compliance

To protect Consumer's health, CHIORINO DET® mesh 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)

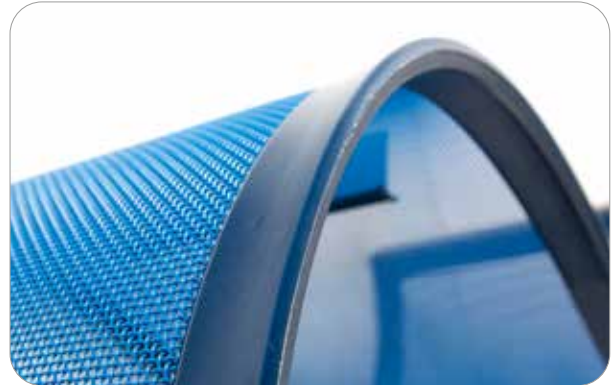
HALAL (World Halal Authority)



DET[®] Sealed edges

CHIORINO DET[®] mesh belts are fabricated with **metal detectable sealed edges**.

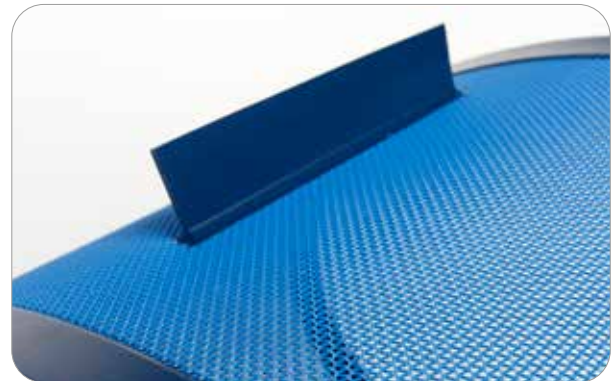
- Highest detectability of the DET[®] TPU
- EU and FDA Food Compliant
- Superior resistance to chemicals
- Excellent mechanical resistance



DET[®] Guides and Profiles

CHIORINO DET[®] mesh belts can be supplied with **metal detectable guides and profiles**.

- Highest detectability of the DET[®] TPU
- EU and FDA Food Compliant
- Highest flexibility
- Excellent mechanical resistance
- Superior resistance to chemicals



	Code	Type	Material	Colour	Dimensions b x h mm	Base	Hardness Sh.	Min. pitch		Min. diameter ¹	
								long. mm	transv. mm	long. mm	transv. mm
	ES751	K6 U P blue DET	TPU	dark blue	6 x 3	flat	85 A	40	40	35	---
	ES752	K8 U blue DET	TPU	dark blue	8 x 5	grooved	85 A	40	40	50	---
	ES733	K10 U blue DET	TPU	dark blue	10 x 6	grooved	85 A	40	40	65	---
	ES826	K13 U blue DET	TPU	dark blue	13 x 8	grooved	85 A	45	45	85	80
	ES813	K17 U blue DET	TPU	dark blue	17 x 11	grooved	85 A	45	45	125	120
	ES827	KN13 U blue DET	TPU	dark blue	13 x 8	grooved	85 A	45	45	60	-
	ES814	KN17 U blue DET	TPU	dark blue	17 x 11	grooved	85 A	45	45	120	-
	ES844	S8 U blue DET	TPU	dark blue	8 x 8	grooved	70 A	40	40	70	50
	ES843	S12 U blue DET	TPU	dark blue	12 x 12	grooved	70 A	45	45	100	80
	ES869	T20 U blue DET	TPU	dark blue	10 x 20	flat	85 A	---	45	---	60
	ES870	T30 U blue DET	TPU	dark blue	10 x 30	flat	85 A	---	45	---	60
	ES803	T40 U blue DET	TPU	dark blue	10 x 40	flat	85 A	---	45	---	60
	ES804	T50 U blue DET	TPU	dark blue	10 x 50	flat	85 A	---	45	---	60
	ES871	T60 U blue DET	TPU	dark blue	10 x 60	flat	85 A	---	45	---	60
	ES845	T50 U blue DET 55D	TPU	dark blue	10 x 50	flat	55 D	---	45	---	60

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

¹ Minimum pulley diameters referred to environment condition of 20 °C

Production program

Code	Type	Mesh material	Edges / profiles material	Colour	Mesh opening		Thickness mm	Edge standard width mm	Minimum pulley diameter ¹ mm	Temperature resistance °C ²	
					µm	%				min.	max.
NA1268	ME 10/18 blue DET	PET monofilament	DET® TPU	blue	1000	35.0	1.80	30	80	-15	70
NA1244	ME 20/25 blue DET	PET monofilament	DET® TPU	blue	2000	45.0	2.50	30	80	-15	70
NA1269	ME 30/20 blue DET	PET monofilament	DET® TPU	blue	3000	56.3	2.00	40	80	-15	70
NA1613	ME 40/28 blue DET	PET monofilament	DET® TPU	blue	4000	54.9	2.80	40	150	-15	70

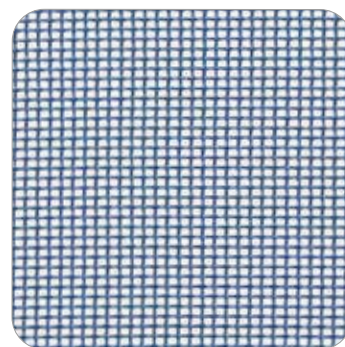
The technical data are valid under normal environmental conditions and are subject to change without notice.

¹ Pulley diameter dependent on the type of Chiorino joint recommended.

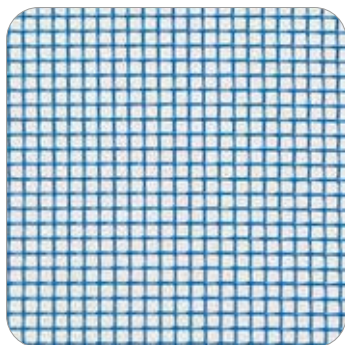
² Use of the belt with limit values may reduce its life



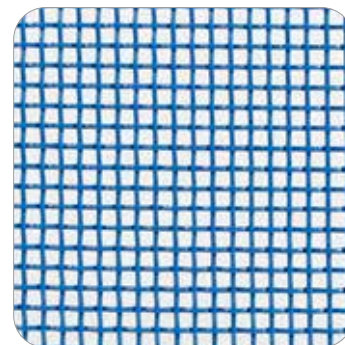
ME 10/18 blue DET



ME 20/25 blue DET



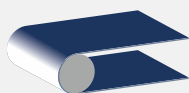
ME 30/20 blue DET



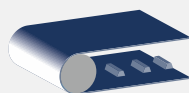
ME 40/28 blue DET



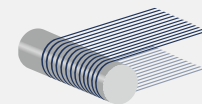
Unique & Complete Metal detectable Product range



Conveyor belts



Positive Drive belts



Round belts



Guides



Profiles



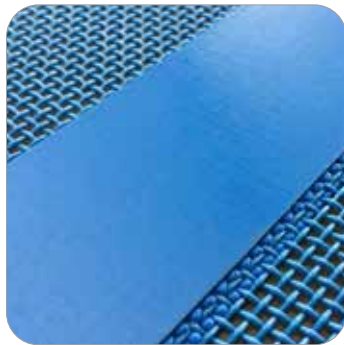
Components

Fasteners

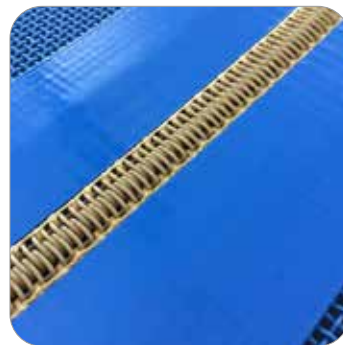
CHIORINO DET® mesh belts can be supplied with a **wide range of fasteners**.

- Stainless steel metal fasteners
- Excellent reliability
- Highest resistance
- Easy and quick to install

NON METAL FASTENERS

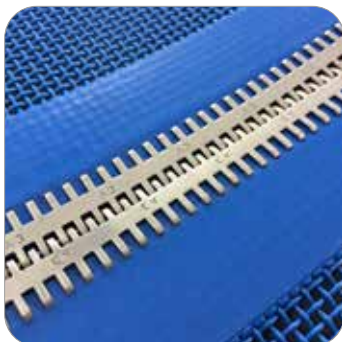


Endless Joint

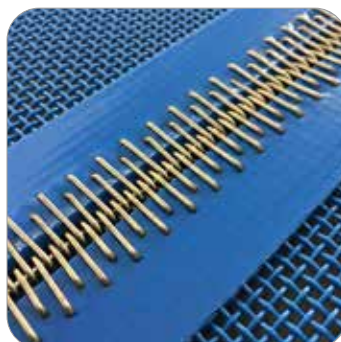


DryFab Fastener - Joint in PEEK

METAL FASTENERS stainless steel



G3 Fastener



K3 Fastener



RS125 Fastener

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UNI EN ISO 9001:2015
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UNI ISO 45001:2018



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ENVIRONMENTAL
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REG. NO. F-000438

ENGINEERING ADVICE
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