

CHIORINO[®]
1906

Passion for belting

Narviflex[®]
BELTING

**Your partner
for food safety**

Detectable conveyor belts



DIET[™]

Detectable conveyor belts



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

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**

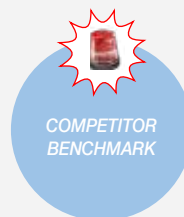
DET™ Superior detectability

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.

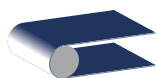
MINIMUM DETECTABLE PART



Based on R&D analysis run on the same metal detector. The Chiorino DET™ particle recognized by metal detector is three times smaller than competitor's.

**+300%
detectability**

DET™ Full range



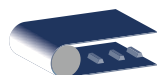
Conveyor belts

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.

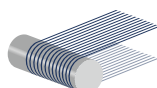
² EL series belts: pull for 8% elongation



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
		mm				b x h mm				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	Material	Colour	Hardness	Min. longitudinal pitch	Min. longitudinal diameter ¹
		mm			Sh A		
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.



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