

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

Benefits

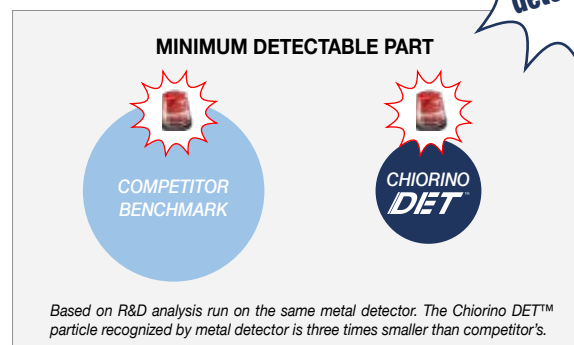
<p>EU and FDA food regulations compliant</p> <p>Excellent resistance to bacteria proliferation and cleaning procedures</p>	<p>▶ Guaranteed food safety</p>
<p>Highest detectability</p>	<p>▶ No food contamination</p> <p>▶ Waste reduction</p> <p>▶ Prevents product recalls</p>
<p>Superior resistance to cut, abrasion and aggressive fats and oils</p>	<p>▶ Long service life</p>

DET™ Superior detectability

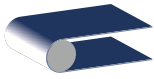
R&D comparison between Chiorino DET™ line and competitor benchmark shows that the DET™ line is far more detectable: **plus 300%**.

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



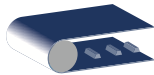
Conveyor belts

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	

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

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

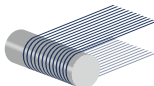
² EL series belts: pull for 8% elongation



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	Min. longitudinal diameter ¹
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.

