

Your partner
for food production efficiency

TPO polyolefin food belts Excellent release properties



Confectionery



TPO polyolefin food belts

The Chiorino TPO (Thermoplastic Polyolefin) belts are ideal for **sticky food processing**.

The Chiorino TPO belts **perfectly smooth surface** guarantees **excellent release**, reducing cleaning operations and increasing machine efficiency.

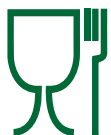
Chiorino TPO belts are also suitable for cooling tunnels, as they perform perfect balance between cooling properties and correct release. They are suitable for applications with plastic scrapers.

TPO polyolefin belts can be supplied with **sealed edges**.



Certified Food Compliance

To protect Consumer's health, Chiorino TPO polyolefin belts comply with the latest european and international Food Regulations:



REGULATION EC 1935/2004 and amendments

REGULATION EC 2023/2006 and amendments

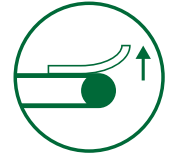
REGULATION EU 10/2011 and amendments

FDA (Food and Drug Administration)



Excellent release properties

Easy to clean.



Perfect release of any sticky food products, like granola bars, stuffed rice, honey-based confectionery etc. allows waste reduction.

Smooth and even surface



Optimized cost of ownership



Easy to clean

Highest Chemicals & Oils resistance

Extend service life.



Highest resistance to:

- Chemicals & sanitization agents
- Food oils/fats
- Temperature
- Abrasion (compared to silicone)



Increased production efficiency



Long service life

Conveyor belts

	Code	Type	Material	Colour	Surface	Total thickness	Knife edge min. radius ⁽¹⁾	Min. pulley diameter ⁽¹⁾	Pull for 1% elongation	Temperature resistance °C	
						mm	mm	mm	N/mm	min.	max.
	NA1597	2MT4 U0-O2 W A	TPO	white	matt	1.1	3	6	4	-40	80
	NA1632	2MT4 U0-O2 blue A	TPO	blue	matt	1.1	3	6	4	-40	80
	NA1677	2M8 O0-O4 W A	TPO	white	matt	2.0	-	30	8	-40	80

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

Guides / Profiles

	Code	Type	Material	Colour	Base	Hardness Sh.A	Dimensions base x height mm	Min. pitch		Min. diameter ⁽¹⁾	
								long. mm	transv. mm	long. mm	transv. mm
	ES925	K6 TPO P W ⁽²⁾	TPO	white	flat	85	6 x 4	40	40	30	-
	ES909	K10 TPO blue ⁽²⁾	TPO	blue	grooved	85	10 x 6	40	40	65	-
	ES941	K13 TPO W ⁽²⁾	TPO	white	grooved	85	13 x 8	45	45	85	-
	ES897	T40 TPO blue	TPO	blue	flat	92	10 x 40	-	40	-	40

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

² For guides application contact Chiorino technical service.

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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.

