

CHIORINO[®]
1906

Passion for belting



Your partner
for sustainable
efficiency



***HYPER*CLEAN**[®]

High release
Food belts



HYPERCLEAN[®]

Belts for a SUSTAINABLE FOOD PROCESS EFFICIENCY

HYPERCLEAN[®] Polyolefin (TPO) food conveyor belts are the ultimate solution for **sticky food, confectionery and chocolate** processing. The range is ideal for cooling tunnels thanks to the excellent resistance to low temperatures.

HYPERCLEAN[®] perfectly smooth and even surface guarantees **excellent release**, reducing cleaning operations and increasing hygiene & efficiency.

HYPERCLEAN[®] unique features and benefits:

- ✓ Superior release properties
- ✓ Excellent cleanliness
- ✓ Enhanced food safety & hygiene
- ✓ Increased efficiency
- ✓ Highest reliability
- ✓ Optimized cost of ownership

HYPERCLEAN[®] is available in the Chiorino exclusive solution Antimicrobial, X-Ray & Metal detectable.

***HYPER*CLEAN®**

SUPERIOR RELEASE EXCELLENT CLEANLINESS



***HYPER*CLEAN®** is the ideal solution for processing sugar/starch-based food that can stick on the belt surface, such as Chocolate, Honey, Caramel, Sticky dough, Sticky rice / Sushi, Nougat.

The superior release properties of ***HYPER*CLEAN®** belts prevent the sticky

food to adhere to the surface, making **cleaning easier, faster and more effective.**

***HYPER*CLEAN®** is a sustainable belting solution that

- ✓ Enhances food safety
- ✓ Improves process efficiency
- ✓ Optimizes the total cost of ownership

CERTIFIED FOOD COMPLIANCE



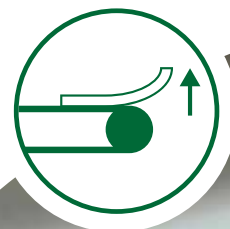
To protect Consumer's health, CHIORINO process and conveyor belts comply with the latest european and international Food Regulations:

- ✓ Regulation EC 1935/2004 and amendments
- ✓ Regulation EC 2023/2006 and amendments
- ✓ Regulation EU 10/2011 and amendments
- ✓ FDA (Food and Drug Administration)



HYPERCLEAN[®] for a SUSTAIN

Superior
RELEASE



Optimized
COST of
OWNERSHIP



Highest
RELIABILITY



HYPER

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ABLE PROCESS EFFICIENCY



Excellent
CLEANLINESS



PER CLEAN®

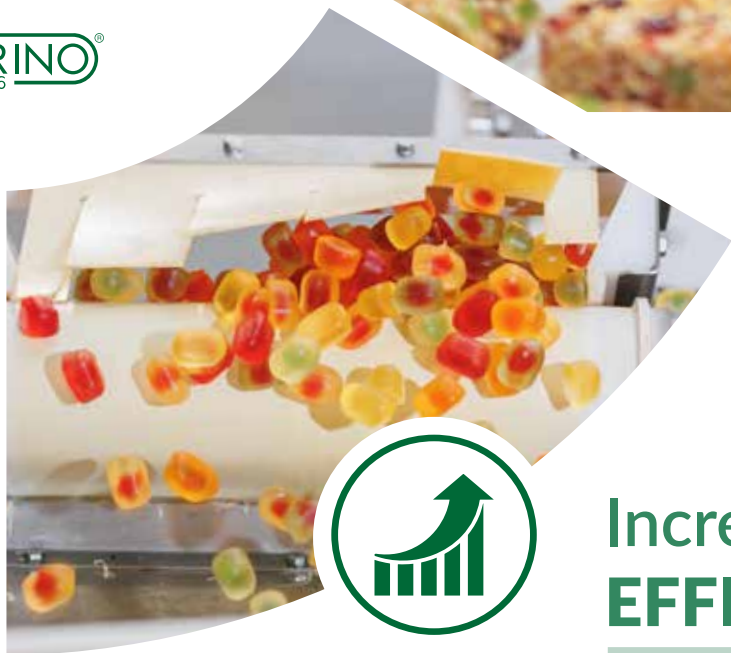
RINO®
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Enhanced
**SAFETY &
HYGIENE**



Increased
EFFICIENCY



VALUE PROPOSITIONS

HYPERCLEAN®

Superior RELEASE



The perfectly smooth and even HYPERCLEAN® Polyolefin surface guarantee an excellent release of any sticky food.

HYPERCLEAN® belts allow waste reduction when processing chocolate, dough, granola bars, stuffed rice, honey-based confectionery.



Waste minimization



Increased efficiency

Excellent CLEANLINESS



Cleaning is easier, faster and more effective thanks to the smooth surface, the superior release properties and resistance to hydrolysis.

More efficient cleaning operations reduce water & energy consumption and extend the belt service life.



Optimized TCO



Longer service life

Enhanced food SAFETY & HYGIENE



A perfectly clean and smooth surface strongly reduce the presence of microbes on the belt, enhancing food safety & hygiene.

Available in the Chiorino exclusive solution Antimicrobial & Dual Detectable (X-Ray & Metal)



Total food safety



Risk management

Increased EFFICIENCY



Faster and more efficient cleaning operations prevent belt surface crackings, improving operational processes and reducing machine downtime.



Reduced maintenance



Longer service life

Highest RELIABILITY



HYPERCLEAN® Polyolefine (TPO) excellent performances guarantee the highest resistance to hydrolysis, chemicals, aggressive oils & fats, knife edges, increasing belt reliability and service life.



Hydrolysis



Low temperature



Chemicals, oils & fats

Optimized COST of OWNERSHIP



HYPERCLEAN® superior performances allow a total cost of ownership reduction, reducing waste, water, energy and maintenance, offering a longer service life.



Waste minimization



Reduced maintenance



Longer service life

Conveyor belts

Code	Type	Material	Colour	Texture	Coefficient of friction	Total thickness mm	Pull for 1% elongation N/mm	Knife edge min. radius ⁽¹⁾ mm	Min. pulley diameter ⁽¹⁾ mm	Temperature resistance ⁽²⁾ min. °C	max. °C	Max. prod. width mm
NA1733	EL4-O15 HY W	Polyolefin (TPO)	white	smooth	LF	1.50	4 ⁽³⁾	-	20	-40	80	1600
NA1793	1DT8 U0-O2 HY RA blue A	Polyolefin (TPO)	blue	RA	MF	1.20	8	3	6	-40	80	1600
NA2629	2MT4 O0-O2 HY W A	Polyolefin (TPO)	white	smooth	LF	1.10	4	3	6	-40	80	1600
NA2628	2MT4 O0-O2 HY blue A	Polyolefin (TPO)	blue	smooth	LF	1.10	4	3	6	-40	80	1600
NA1734	2MT4 O0-O2 HY HR blue A	Polyolefin (TPO)	blue	HR	LF	1.20	4	3	6	-40	80	1600
NA1778	2MT4 O0-O2 HY FXD AM	Polyolefin (TPO)	silver	smooth	LF	1.10	4	3	6	-40	80	1600
NA1741	2M6 U0-O2 HY W A	Polyolefin (TPO)	white	smooth	LF	1.40	6	4	20	-40	80	1600
NA1796	2M6 U0-O2 HY GS W A	Polyolefin (TPO)	white	GS	HF	1.40	6	4	20	-40	80	1600
NA1677	2M8 O0-O4 HY W A	Polyolefin (TPO)	white	smooth	LF	2.00	8	-	30	-40	80	2000
NA1721	2M8 O0-O2 HY GS W A	Polyolefin (TPO)	white	GS	HF	2.00	8	-	30	-40	80	2000

Guides and Profiles

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

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

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

⁽³⁾ Elastic belts: pull for 8% elongation.

The technical data of this table has been formulated under normal environment conditions. They are subject to alteration without notice.

Features

A Permanent antistatic
AM Antimicrobial
DT Textile carcass:
flexible double weft
EL Elastic belt without
textile carcass
FXD X-Ray and Metal
detectable

GS Glossy surface
HR High Release (micro PN)
HY HYPERCLEAN®
M Textile carcass:
rigid polyester
MT Textile carcass:
combined polyester

O TPO Polyolefin
U Polyurethane
RA Rhombus Arlequin
W White

Textures



HR



RA

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More info on www.chiorino.com



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