

**Your partner
for food safety**

High thickness polyurethane conveyor and process belts



High thickness polyurethane belts Food Duty™



The Food Duty™ line of **high thickness polyurethane** belts has been designed to overcome the **limits** of the current **PVC belts** for heavy-duty applications in the food processing industry.

The polyurethane cover of Food Duty™ belts ensures **higher performances** and **greater hygiene** levels compared to PVC belts.



Key features

Benefits

**+ HYGIENE
- COSTS**

No migration of chemical substances
Compact polyurethane surface

▶ **Total hygiene**
Total food safety

Highest resistance to cleaning systems

▶ **Reduced maintenance costs**
Energy and water saving

Excellent resistance to fats
Highest resistance to cut and abrasion
Suitable for low temperatures

▶ **Long service life**



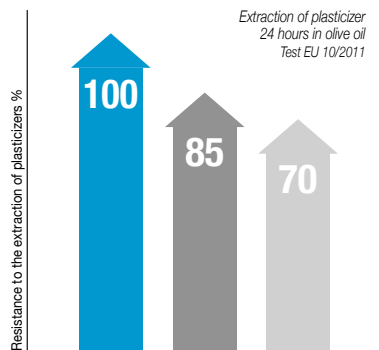
Food Duty™ belts can be supplied with **sealed edges**.

Technical data

Code	Type	Total thickn.	Conveying surface coating		Minimum diameter ¹	Pull for 1% elong.	Max. admiss. pull	Temperature resistance	
		mm	material	colour				min. °C	max. °C
NA-1325	2MT12 U0-U3 FD2.3	2.3	TPU	●	60	12	24	-10	80
NA-1333	2T12 U0-U3 FD2.5	2.5	TPU	●	50	12	24	-10	80
NA-1332	2T12 V5-U3 FD2.8	2.8	TPU	●	80	12	24	-10	80

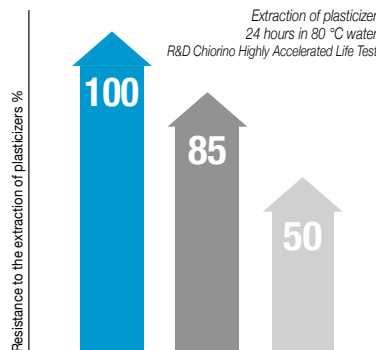
¹ Minimum roller diameter is dependent on the joint recommended by Chlorino.

FOOD DUTY™ vs FOOD PVC



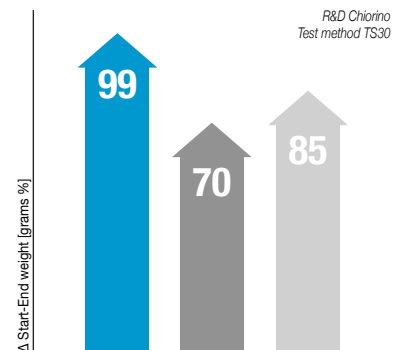
Resistance to oils and fats

The extraction test in olive oil according EU 10/2011 Reg. shows that the Food Duty™ line does not release any chemical substances to the foodstuff. PVC belts do release plasticizers that contaminate the processed food.



Resistance to hydrolysis

The test measures the level of compactness of the surface after immersion in hot water. The Food Duty™ belts do not undergo any decay. PVC belts suffer a remarkable degradation of the surface.



Resistance to cut and abrasion

The Food Duty™ Polyurethane covering has a resistance to abrasion far higher than the competitors PVC belts. The test shows that the Food Duty™ surface offers a higher resistance to wear and consequently a higher lifetime.

■ Food Duty™ CHIORINO ■ FOOD MONOMERIC PVC ■ FOOD POLYMERIC PVC

Thicker than 2 mm PVC competitors belts for Meat & Poultry have been tested.



Certified Food Compliance



To protect Consumer's health, Chiorino Food Duty™ belts comply with the latest european and international Food Regulations.

Declarations of compliance as prescribed by law are available for every Food Duty™ belt.

Thus, the Customers are certain to use materials that fully comply with the **HACCP** system.

REGULATION EC 1935/2004

REGULATION EC 2023/2006

REGULATION EU 10/2011

FDA (Food and Drug Administration)



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