

CHIORINO[®]
1906

Passion for belting

Your partner
for production
efficiency



**TUBE
WINDERS**
Endless belts



Tube winder endless belts

for paper cans, tubes and core manufacturing

The Tube winder endless belts are used in the paper industry for the formation of paper cans, tubes and cores. Tube winder belts are used to drag, roll and press several layers of paper, pre-impregnated with glue, onto a metal mandrel, to form paper cans, tubes and cores.

Chiorino Tube winder belts are designed with a perfectly symmetric structure and special elastomeric compounds that offer **outstanding resistance to abrasion** and a **perfect balance between grip and smoothness**.

Features & benefits



Excellent flexibility

The belt ensures optimal winding on all diameters, even the smallest ones.



Highest resistance to abrasion

The belt has an excellent resistance to the wearing caused by the frictional forces between the belt and the paper, avoiding slippage and increasing service life.



Ideal coefficient of friction

The different elastomer compounds allow the right choice for all different applications (mandrel diameters, number of papers dragged, winding angle, paper type etc.).



Protected coated edges

The special edge protection prevents the internal textile inserts from fraying, avoiding belt failures and extending service life.



Width & thickness uniformity

Uniformity of width and thickness eliminates issues during the tube/core formation, reducing machine downtime and increasing the quality of the final product.

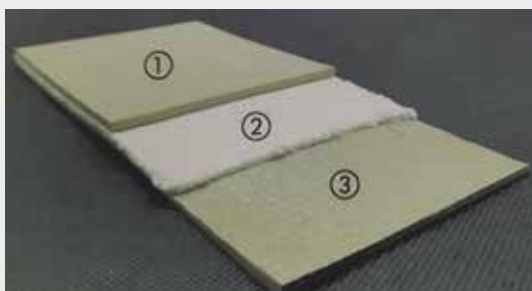
Production program

Type	Traction core	Top and bottom cover			Thickness min ÷ max mm	Load at break kg/cm	Abrasion mm ³	Min. diameter mm	Max. temper. resistance °C
		material	colour	Sh.A					
Endless G300 F	polyester endless fabric	XNBR synthetic elastomer	green	75 ±5	4.5 ÷ 6.0	300	≤ 35	>30/<50	100
Endless G375 F	polyester endless fabric	XNBR synthetic elastomer	green	75 ±5	6.0 ÷ 8.5	375	≤ 35	>50	100
Endless W350 C	polyester spiraled cord	natural elastomer	white	70 ±5	5.5 ÷ 8.0	350	≤ 85	>30/<80	70
Endless W500 C	polyester spiraled cord	natural elastomer	white	70 ±5	8.0 ÷ 10.5	500	≤ 85	>80	70

The technical data are valid under normal environmental conditions and are subject to change without notice.

Traction core

Polyester endless fabric



The internal construction is composed of a truly endless self-centering polyester fabric.

The special synthetic elastomers ensure a great resistance to abrasion, avoiding all issues caused by the traditional endless belts with PVC cover that tends to melt in case of belts accidental slippage.

Ideal for:

- Rubber coated pulleys
- Very high abrasion resistance
- Production of standard items

- ① Elastomer top cover
- ② Polyester endless fabric
- ③ Elastomer bottom cover

Polyester spiraled cord



The spiral cord internal structure ensures a very low elongation and a great flexibility, allowing the belt to wind also on small diameters. The truly endless construction (with no joining points) eliminates any weak points ensuring complete utilization of the load class of the internal structure.

The symmetrical structure allows the use of the belts on both sides and to change the belt direction.

Ideal for:

- Pulleys/towers that aren't coated with rubber
- High production speeds
- Ensuring low elongation and high performances

- ① Elastomer top cover
- ② 6,6 Polyamide support fabric
- ③ Endless polyester continuous cord
- ④ 6,6 Polyamide support fabric
- ⑤ Elastomer bottom cover

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More info on www.chiorino.com

