

POLYURETHANE ROUND BELTS

TECHNICAL DATA SHEET

CODE	ES-790	TYPE	RU-4 blue DET
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COMPOSITION

Material	Thermoplastic polyurethane (TPU)	
Hardness	85	Sh.A
Colour	Dark blue	
Surface	Smooth	
Coefficient of friction on steel	0.4	

TECHNICAL SPECIFICATIONS

Diameter	4.0 mm	0.16 in.
Weight	14.0 gr/m	0.01 lbs./ft.
Minimum pulley diameter	35.0 mm	1.38 in.
Pull for 8% elongation	30.0 N	6.7 lbf.
Temperature resistance (1)	min. -20 °C	-4 °F
	max 60 °C	140 °F

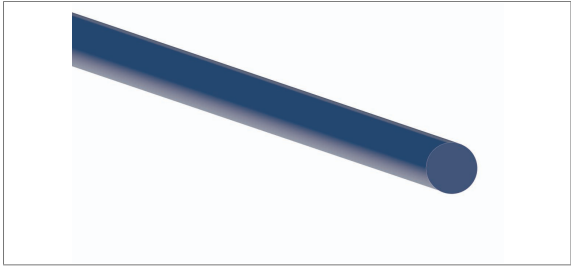
(1) Use of the belt with limit values may reduce its life

Humidity influence	no
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Permanent antistatic dynamically UNI EN ISO 21179	no
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JOINTING SYSTEM

Being thermoweldable polyurethane it enables quick endless jointing of belts. For high precision joints of round belts of any size CHIORINO supply the **FAST JOINT welder "S15"**.



FEATURES

- Excellent resistance to hidrolisis
- Extremely good tensile strengths
- Elasticity
- Flexibility values

COMPLIANCES

REACH Regulation EC 1907/2006 and amendments
 Regulation EC 1935/2004 and amendments
 Regulation EC 2023/2006 and amendments
 Regulation EU 10/2011 and amendments
 FDA (Food and Drug Administration)

SUITABLE FOR

- Packaging
- Food: slicing machines
- Food: bakery

NOTES

Belts which are used in various markets for transmission of light duty drives, at medium low speeds and conveying light loads.

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DISCLAIMER
 The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the CHIORINO product. CHIORINO cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice.