

**POLYURETHANE ROUND BELTS**

**TECHNICAL DATA SHEET**

<b>CODE</b>	<b>ES822</b>	<b>TYPE</b>	<b>RU-5 blue DET</b>
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**COMPOSITION**

Material	Thermoplastic polyurethane (TPU)
Hardness	85 ±5 Sh.A
Colour	Dark blue
Surface	Smooth
Coefficient of friction on steel	0.4

**TECHNICAL SPECIFICATIONS**

Diameter	5.0 mm	0.20 in.
Weight	14.0 gr/m	0.01 lbs./ft.
Minimum pulley diameter	45.0 mm	1.77 in.
Pull for 8% elongation	50.0 N	11.2 lbf.
Temperature resistance (1)	min. -20 °C	-4 °F
	max 60 °C	140 °F

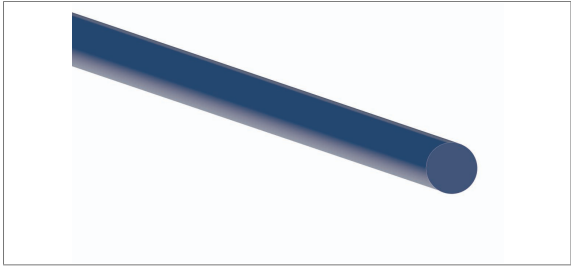
(1) Use of the belt with limit values may reduce its life

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

**COMPLIANCES**

REACH EC 1907/2006 Regulation and Amendments  
 EC 1935/2004 Regulation and Amendments  
 EC 2023/2006 Regulation and Amendments  
 EU 10/2011, 2017/752 Regulation and Amendments  
 HACCP (Hazard Analysis and Critical Control Points)  
 FDA (Food and Drug Administration)



**SUITABLE FOR**

Food: slicing machines  
 Packaging

**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.