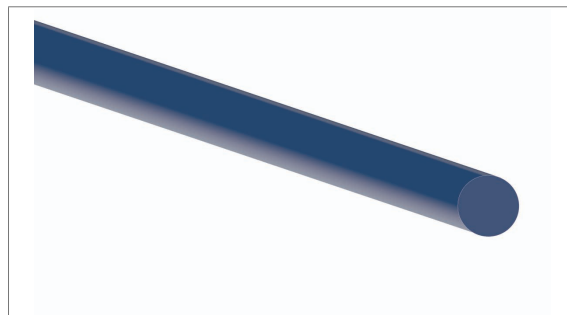


# POLYURETHANE ROUND BELTS

# TECHNICAL DATA SHEET

CODE		ES790		TYPE	RU-4 blue DET	
<div>COMPOSITION</div>						
Material	Thermoplastic polyurethane (TPU)					
Hardness	85 ±5 Sh.A					
Colour	Dark blue					
Surface	Smooth					
Coefficient of friction on steel	0.4					
<div>TECHNICAL SPECIFICATIONS</div>						
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					
Permanent antistatic dynamically UNI EN ISO 21179	no					
<div>JOINTING SYSTEM</div>						
Being thermoweldable polyurethane it enables quick endless jointing of belts. For high precision joints of round belts of any size CHIORINO supply the <b>FAST JOINT welder "S15"</b> .						
<div>FEATURES</div>						
<div><div>- Excellent resistance to hidrolisis</div><div>- Extremely good tensile strengths</div><div>- Elasticity</div><div>- Flexibility values</div></div>						
<div>COMPLIANCES</div>						
<div>REACH EC 1907/2006 Regulation and Amendments</div> <div>EC 1935/2004 Regulation and Amendments</div> <div>EC 2023/2006 Regulation and Amendments</div> <div>EU 10/2011, 2023/1442 Regulation and Amendments</div> <div>HACCP (Hazard Analysis and Critical Control Points)</div> <div>FDA (Food and Drug Administration)</div> <div>NSF/ANSI 3-A 14159-3-2014 Regulation and Amendments</div> <div>HALAL (World Halal Authority)</div>						
<div>NSF</div>						
<div>SUITABLE FOR</div>						
<div>Packaging</div> <div>Food: slicing machines</div> <div>Food: bakery</div>						
<div>NOTES</div>						
Belts which are used in various markets for transmission of light duty drives, at medium low speeds and conveying light loads.						
Issue: 11-04-2017				Last Update: 9-01-2019		



**DET**

## FEATURES

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

## COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments  
EC 1935/2004 Regulation and Amendments  
EC 2023/2006 Regulation and Amendments  
EU 10/2011, 2023/1442 Regulation and Amendments  
HACCP (Hazard Analysis and Critical Control Points)  
FDA (Food and Drug Administration)  
NSF/ANSI 3-A 14159-3-2014 Regulation and Amendments  
HALAL (World Halal Authority)



## 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.

## 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.