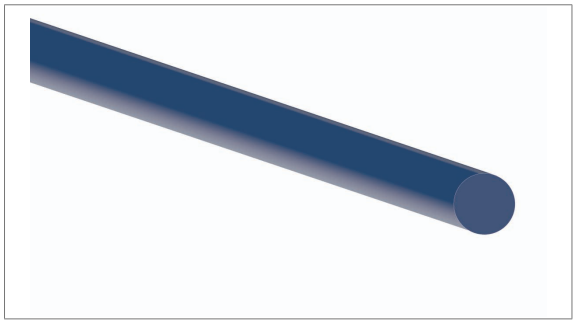
POLYURETHANE ROUND BELTS

TECHNICAL DATA SHEET

CODE ES790 **TYPE** **RU-4 blue DET**

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		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
Humidity influence			no	
Permanent antistatic dynamically UNI EN ISO 21179			no	

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

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

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".**

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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