

**POLYURETHANE ROUND BELTS**

**TECHNICAL DATA SHEET**

<b>CODE</b>	<b>ES233</b>	<b>TYPE</b>	<b>RU-9</b>
-------------	--------------	-------------	-------------

**COMPOSITION**

Material	Thermoplastic polyurethane (TPU)
Hardness	92 ±5 Sh.A
Colour	Green
Surface	Rough
Coefficient of friction on steel	0.4

**TECHNICAL SPECIFICATIONS**

Diameter	9.0 mm	0.35 in.
Weight	76.0 gr/m	0.05 lbs./ft.
Minimum pulley diameter	75.0 mm	2.95 in.
Pull for 8% elongation	160.0 N	36.0 lbf.
Temperature resistance (1)	min. -20 °C max 60 °C	-4 °F 140 °F

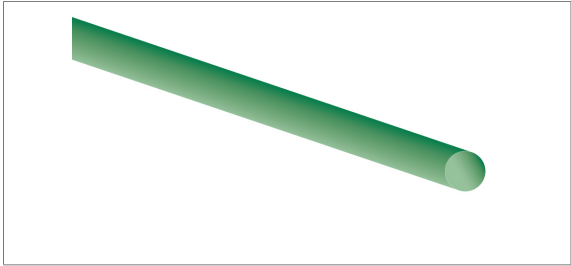
(1) Use of the belt with limit values may reduce its life

Humidity influence	no
--------------------	----

Permanent antistatic dynamically UNI EN ISO 21179	no
---	----

**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**

- Extremely good tensile strengths
- Elasticity
- Flexibility values

**COMPLIANCES**

REACH EC 1907/2006 Regulation and Amendments

**SUITABLE FOR**

- Packaging
- Printing and graphic

**NOTES**

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

Issue: 18-05-2010 Last Update: 28-10-2013

**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.