

**POLYURETHANE ROUND BELTS**

**TECHNICAL DATA SHEET**

|             |              |             |             |
|-------------|--------------|-------------|-------------|
| <b>CODE</b> | <b>ES229</b> | <b>TYPE</b> | <b>RU-5</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                   | 5.0 mm                   | 0.20 in.        |
| Weight                     | 24.0 gr/m                | 0.02 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<br>max 60 °C | -4 °F<br>140 °F |

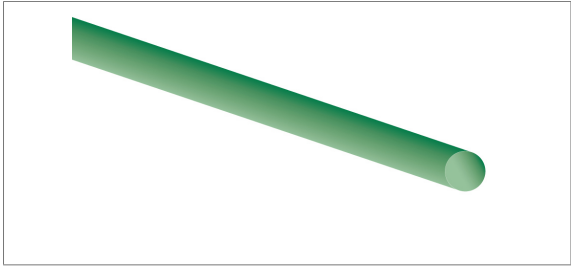
(1) Use of the belt with limit values may reduce its life

|                    |    |
|--------------------|----|
| 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.

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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.