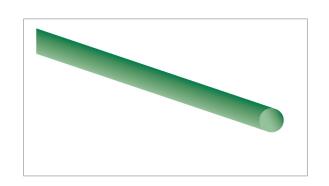


POLYURETHANE ROUND BELTS

TECHNICAL DATA SHEET

| CODE | ES222 | ТҮРЕ | RU-12 |
|------|-------|------|--------------|
|------|-------|------|--------------|

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



TECHNICAL SPECIFICATIONS

| Diameter | 12.0 | mm | 0.47 | in. | | | |
|---|-------|------|-----------|----------|--|--|--|
| Weight | 134.0 | gr/m | 0.09 | lbs./ft. | | | |
| Minimum pulley diameter | 100.0 | mm | 3.94 | in. | | | |
| Pull for 8% elongation | 280.0 | N | 62.9 | lbf. | | | |
| Temperature mi resistance (1) ma | ax 60 | °C | -4 140 | °F °F | | | |
| (1) Use of the belt with limit values may reduce its life | | | | | | | |
| Humidity influence | no | | | | | | |
| Permanent antistatic dynamically UNI EN ISO 21179 no | | | | | | | |

FEATURES

- Extremely good tensile strengths
- Elasticity
- Flexibility values

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments FDA (Food and Drug Administration)

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".**

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: 8-01-2018

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.