

**POLYURETHANE ROUND BELTS**

**TECHNICAL DATA SHEET**

<b>CODE</b>	<b>ES-605</b>	<b>TYPE</b>	<b>RU-5 HP blue</b>
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**COMPOSITION**

Material	Thermoplastic polyurethane (TPU) - HP® system		
Hardness	85	Sh.A	
Colour	HP® blue		
Surface	Smooth		
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	42.0 N	9.4 lbf.	
Temperature resistance (1)	min. -20 °C	-4 °F	
	max 60 °C	140 °F	

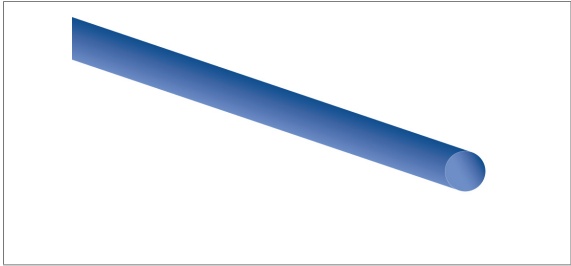
(1) Use of the belt with limit values may reduce its life

Humidity influence	no		
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Permanent antistatic dynamically UNI EN ISO 21179	no		
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**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**

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

**COMPLIANCES**

REACH Regulation EC 1907/2006 and amendments  
Regulation EC 1935/2004 and amendments  
Regulation EC 2023/2006 and amendments  
Regulation EU 10/2011 and amendments  
FDA (Food and Drug Administration)

**SUITABLE FOR**

Packaging  
Food: slicing machines

**NOTES**

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

Thanks to the outstanding resistance to abrasion, oils, fats, detergents and to the most aggressive cleaning procedures, the HP product system is specially recommended for applications that require compliance with HACCP (Hazard Analysis and Critical Control Point) and IFS (International Food Standard).

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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.