

POLYURETHANE ROUND BELTS

TECHNICAL DATA SHEET

CODE		ES222		TYPE		RU-12	
<div>COMPOSITION</div>							
Material		Thermoplastic polyurethane (TPU)					
Hardness		92 ±5 Sh.A					
Colour		Green					
Surface		Rough					
Coefficient of friction on steel		0.4					
<div>TECHNICAL SPECIFICATIONS</div>							
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 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					
Permanent antistatic dynamically UNI EN ISO 21179		no					
<div>JOINTING SYSTEM</div>							
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" .							
<div>FEATURES</div>							
<div><div>- Extremely good tensile strengths</div><div>- Elasticity</div><div>- Flexibility values</div></div>							
<div>COMPLIANCES</div>							
REACH EC 1907/2006 Regulation and Amendments FDA (Food and Drug Administration)							
<div>SUITABLE FOR</div>							
Packaging							
Printing and graphic							
<div>NOTES</div>							
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.