



**COPPER CAPILLARY TUBE FINISHED PLAIN, COVERED WITH TIN AND/OR PLASTIC COATED, COPPER  
PRECISION FITTINGS AND TUBES TO NATIONAL, INTERNATIONAL AND CUSTOMER SPECIFICATIONS.**

<b>INSPECTION CERTIFICATE</b>  <b>TYPE 3.1</b>  (ref. EN 10204)	CERTIFICATE N°	<b>21986</b>		
	CUSTOMER	<b>002997-DARMENT OY</b>		
	NOMINAL SIZES mm	<b>13,870 x 15,870</b>		
	DRAWING NUMBER			
<b>Sc N°: 21986</b>  <b>St N°: 2938</b>	STANDARD REFERENCE	<b>EN 12735-1 2020</b>		
	DENOMINATION	<b>ROTOLI</b>		
	PRODUCT TYPE	<b>GREEN</b>		
	PHYSICAL STATE	<b>SOFT</b>		
	CUSTOMER'S ORDER NUMBER	<b>P00118</b>		
	D.D.T. N°	<b>10505</b>	DATE	<b>29.02.24</b>

CHARACTERISTICS		REQUESTED		CHECKED
INSIDE DIAMETER	mm	13,870		<b>14,09</b>
OUTSIDE DIAMETER	mm	15,870 + 0,04 - 0,04		<b>15,89</b>
THICKNESS	mm	1,00 + 0,13 - 0,13		<b>0,90</b>
LENGTH	mm	15.000,00 + 100,00 - 0		<b>CONFORMING</b>
UNIT TENSILE STRENGTH	MPa	Min	220,00	<b>241,00</b>
ELONGATION	%	Min	40,00	<b>56,00</b>
HARDNESS	HV5	/		/
GRAIN SIZE	mm	/		/
CHEMICAL COMPOSITION	%	Cu+Ag = Min 99,90		<b>99,96 *</b>
(Copper type Cu-DHP)**	%	P = 0,015 ÷ 0,040		<b>0,030 *</b>
HUMIDITY	mg/m <sup>2</sup>	Max	/	/
TOTAL INTERNAL RESIDUE	mg/m <sup>2</sup>	Max	/	/
CARBON RESIDUE	mg/dm <sup>2</sup>	Max	/	/
EDDY CURRENT TEST			/	<b>CONFORMING</b>
EXPANDING TEST			/	/
FLANGING TEST			/	/
BENDING TEST			/	/

**THE TESTED PRODUCT IS IN CONFORMITY TO THE REQUESTED CHARACTERISTICS**

DATE:

29.02.24 - Passirano Document issued in electronic form without the need of signature RdQ Feinrohren (matr. n°147)

\* Average value (all the values measured were within the tolerance).

\*\* Characteristic of end-of-life product: 100% recyclable copper.