



**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>89881</b>		
	CUSTOMER	<b>002997-DARMENT OY</b>		
	NOMINAL SIZES mm	<b>23,07 x 28,57</b>		
	DRAWING NUMBER			
<b>Sc N°: 89881</b>  <b>St N°: 3861</b>	STANDARD REFERENCE	<b>EN 12735-1/EN 378-2/ASTM B111</b>		
	WORKING PRESSURE	<b>Max 120 bar (R220; S.F. 3)</b>		
	DENOMINATION	<b>VERGHE</b>		
	PRODUCT TYPE	<b>GREEN 120BAR</b>		
	PHYSICAL STATE	<b>HARD</b>		
	CUSTOMER'S ORDER NUMBER	<b>4022</b>		
	D.D.T. N°	<b>11145</b>	DATE	<b>27.05.20</b>

CHARACTERISTICS		REQUESTED		CHECKED
INSIDE DIAMETER	mm	23,07		<b>23,13</b>
OUTSIDE DIAMETER	mm	28,57 + 0,06 - 0,06		<b>28,57</b>
THICKNESS	mm	2,75		<b>2,72</b>
LENGTH	mm	5.000,00 + 5,00 - 0		<b>CONFORMING</b>
UNIT TENSILE STRENGTH	MPa	Min	290,00	<b>452,00</b>
ELONGATION	%	Min	3,00	<b>5,00</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:

27.05.20 - 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.