



**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°	15885		
	CUSTOMER	002997-DARMENT OY		
	NOMINAL SIZES mm	17,82 x 22,22		
	DRAWING NUMBER			
<b>Sc N°: 15885</b>  <b>St N°: 5233</b>	STANDARD REFERENCE	EN 12735-1 / EN 14276-2020		
	WORKING PRESSURE	Max 120 bar (R220; S.F. 3)		
	DENOMINATION	VERGHE		
	PRODUCT TYPE	GREEN 120BAR		
	PHYSICAL STATE	HARD		
	CUSTOMER'S ORDER NUMBER	P00118		
	D.D.T. N°	11047	DATE	30.04.24

CHARACTERISTICS		REQUESTED		CHECKED
INSIDE DIAMETER	mm	17,82		18,11
OUTSIDE DIAMETER	mm	22,22 + 0,06 - 0,06		22,25
THICKNESS	mm	2,20		2,07
LENGTH	mm	4.000,00 + 5,00 - 0		CONFORMING
UNIT TENSILE STRENGTH	MPa	Min	290,00	435,00
ELONGATION	%	Min	3,00	5,00
HARDNESS	HV5	/		/
GRAIN SIZE	mm	/		/
CHEMICAL COMPOSITION	%	Cu+Ag = Min 99,90		99,96 *
(Copper type Cu-DHP)**	%	P = 0,015 ÷ 0,040		0,030 *
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		/		CONFORMING
EXPANDING TEST		/		/
FLANGING TEST		/		/
BENDING TEST		/		/

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

DATE:

30.04.24 - 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.