



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

INSPECTION CERTIFICATE TYPE 3.1 (ref. EN 10204)	CERTIFICATE N°	17103		
	MANUFACTURER	FEINROHREN SpA		
	ADDRESSE	501345-AS ONNINEN		
	NOMINAL SIZES mm	32,42 x 34,92		
	DRAWING NUMBER			
Sc N°: 17103 St N°: 2595	STANDARD REFERENCE	EN 12735-1 / EN 12449		
	DENOMINATION	VERGHE		
	PRODUCT TYPE	GREEN		
	PHYSICAL STATE	HARD		
	ADDRESSE'S ORDER NUMBER	4501081220		
	D.D.T. ADDRESSE N°	1827	DATE	20.07.23

CHARACTERISTICS		REQUESTED		CHECKED
INSIDE DIAMETER	mm	32,42		32,68
OUTSIDE DIAMETER	mm	34,92 + 0,05 - 0,05		34,92
THICKNESS	mm	1,25 - 0,19		1,12
LENGTH	mm	5.000,00 + 5,00 - 0		CONFORMING
UNIT TENSILE STRENGTH	MPa	Min	290,00	425,00
ELONGATION	%	Min	3,00	5,00
HARDNESS	HV5	min. 100		130-140
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 ²	Max	/	/
TOTAL INTERNAL RESIDUE	mg/m ²	Max	/	/
CARBON RESIDUE	mg/dm ²	Max	0,38	CONFORMING
EDDY CURRENT TEST		/		CONFORMING
EXPANDING TEST		/		/
FLANGING TEST		/		/
BENDING TEST		/		/

THE TESTED PRODUCT IS IN CONFORMITY TO THE REQUESTED CHARACTERISTICS

DATE:

20.07.23 - 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.