

**FEINROHREN** S.p.A.Company with Quality Management System  
certified ISO 9001:2015 by BSI (N° FM 29153)SEDE LEGALE E STABILIMENTO:  
VIA GEN. REVERBERI, 8  
25050 PASSIRANO (BRESCIA) ITALYCAPITALE SOCIALE € 5.862.275  
C.F. 00294280177  
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E-mail: [info@feinrohren.it](mailto:info@feinrohren.it)  
TEL. 030 6549011 – FAX 030 6549300STABILIMENTO DI LUMEZZANE:  
VIA M.L. KING, 32/34  
25065 LUMEZZANE (BRESCIA) ITALY**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>23110</b>		
	CUSTOMER	<b>002997-DARMENT OY</b>		
	NOMINAL SIZES mm	<b>103,000 x 108,000</b>		
	DRAWING NUMBER			
<b>Sc N°: 23110</b>  <b>St N°: 3769</b>	STANDARD REFERENCE	<b>EN 12735-1 / EN 12449</b>		
	DENOMINATION	<b>VERGHE</b>		
	PRODUCT TYPE	<b>GREEN</b>		
	PHYSICAL STATE	<b>HARD</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	103,000		<b>103,00</b>
OUTSIDE DIAMETER	mm	108,000 + 0,07 - 0,07		<b>108,00</b>
THICKNESS	mm	2,50 + 0,03 - 0,03		<b>2,50</b>
LENGTH	mm	5.000,00 + 5,00 - 0		<b>CONFORMING</b>
UNIT TENSILE STRENGTH	MPa	Min	290,00	<b>422,00</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:

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.