



**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°	23019		
	CUSTOMER	002997-DARMENT OY		
	NOMINAL SIZES mm	7,520 x 9,520		
	DRAWING NUMBER			
Sc N°: 23019 St N°: 1079	STANDARD REFERENCE	EN 12735-1 2020		
	DENOMINATION	ROTOLI		
	PRODUCT TYPE	GREEN		
	PHYSICAL STATE	SOFT		
	CUSTOMER'S ORDER NUMBER	P00118		
	D.D.T. N°	10505	DATE	29.02.24

CHARACTERISTICS		REQUESTED		CHECKED
INSIDE DIAMETER	mm	7,520		7,74
OUTSIDE DIAMETER	mm	9,520 + 0,04 - 0,04		9,54
THICKNESS	mm	1,00 + 0,13 - 0,13		0,90
LENGTH	mm	15.000,00 + 100,00 - 0		CONFORMING
UNIT TENSILE STRENGTH	MPa	Min	220,00	242,00
ELONGATION	%	Min	40,00	55,00
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 ²	Max	/	/
TOTAL INTERNAL RESIDUE	mg/m ²	Max	/	/
CARBON RESIDUE	mg/dm ²	Max	/	/
EDDY CURRENT TEST			/	CONFORMING
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.