

# Properties

Material Designation		Composition in % (m/m)			Density <sup>2</sup> g/cm <sup>3</sup> approx.
Symbol	Numerical	Element	Cu <sup>1</sup>	P	
Cu-DHP	CW024A	min.	99,90	0,015	8,9
		max.	–	0,040	
<sup>1</sup> Including silver up to a maximum of 0.015%					
<sup>2</sup> Only for information.					

Each tube must be capped, plugged or closed at both ends to keep the interior of the tube properly clean for handling and storage.

The interior surface of the tube must be able to successfully pass carbon content testing.

When lubricant residue is measured on the interior surface of the tube, it must not exceed 0.020 g/m<sup>2</sup>

## OBJECTIVE AND FIELD OF APPLICATION

This norm specifies the requirements, sampling, test methods and conditions of supply for copper tubes.

It is applicable to round copper tubes without welding which have an exterior diameter from 8 mm up to and including 54 mm, for piping systems used for the distribution of the following medicinal gases, intended for use at pressures up to 2000KPa, and for systems subjected to vacuums:

- oxygen, nitrous oxide, nitrogen, helium, carbon dioxide, xenon.
- air for breathing.
- specific mixtures of gases mentioned above.
- air for driving surgical tools
- anesthetic gases and vapors.
- vacuums.

