

SEAMLESS COMMERCIAL TUBES AND TUBES FOR WATER AND GAS

These are round **SEAMLESS** tubes, either hot rolled or cold drawn with following heat treatment. They are supplied with plain ends, without bevels, and they can all be supplied in fixlength (tolerance $- 0 / + 5$ mm) and with mill test certificates 3.1 according to EN 10204. Random lengths are about 6 m.

APPLICATIONS

Commercial tubes for general applications and for heat exchangers, tubes can be welded / threaded for the construction of water or gas pipelines.





NORMS

COMMERCIAL TUBES FOR HEAT EXCHANGERS AND FOR GENERAL APPLICATIONS
 (only for what concerns the steels properties) ASTM A 106
 GAS TUBES SUITABLE FOR WELDING AND THREADING EN 10255

CHEMICAL ANALYSIS AND MECHANICAL PROPERTIES

Norm	Steel grade	Chemical elements (% on mass)											Mechanical properties		
		C	Mn		P	S	Si	Cr	Cu	Mo	Ni	V	Yield strength min. ReH (N/mm ² =Mpa)	Tensile strength min. Rm (N/mm ² =Mpa)	Longitudinal elongation min. %
			max.	min.											
Commercial tubes (steel according to ASTM A 106)	Grade B	0.30	0.29	1.06	0.035	0.035	0.10	0.40	0.40	0.15	0.40	0.08	240	415	30 ¹
Gas pipes EN 10255	S195T	0.20	-	1.40	0.035	0.030	-	-	-	-	-	-	195	320-520	20

¹ Elongation refers to a standard 50 mm long sample.