



# Metline Industries

## Manufacturer of Pipes | Fittings | Flanges

Pipes/Tubes - Butt weld Pipe Fittings – Bends – Forged Fittings – Forged Flanges - Fasteners

An ISO 9001:2008 Certified Company, Metline Industries is a leading manufacturer, exporter and supplier of a high quality brass tubes and pipes including 70/30 brass tubes, 63/37 brass tubes and aluminium brass tubes, and admiralty brass tubing.

### 63/37 Commercial Brass Tubes/Brass Pipes

STANDARD	ASTM B 135	JIS H3300	JIS H3300	DIN 17671		IS 407
SYMBOL	C27200	C2700	C2800	CuZn37		CuZn37
Cu	62.0 - 65.0	63.0 - 67.0	59.0 - 63.0	62.0 - 64.0	-	62.0 - 65.0
Sn	-	-	-	0.1	-	-
Al	-	-	-	0.03	-	-
Pb	0.07	0.07	0.1	0.1	-	0.3
Ni	-	-	-	0.3	-	-
Fe	0.07	0.05	0.07	0.1	-	0.1
Zn	REM.	REM.	REM.	REM.	-	REM.
As	-	-	-	-	-	0.06
TOTAL IMPURITIES MAX	-	-	-	0.1	-	0.06
	-	-	-	-	-	-
	-	-	-	-	-	-
CONDITION	H58	O	O	F29	F44	O
	H80	1/2 H	1/2 H	F37	F54	TA
	-	H	H	-	-	H D
YIELD STRENGTH N / MM <sup>2</sup>	-	-	-	180 Max.	340 Min.	-
	-	-	-	200 Min.	470 Min.	-
TENSILE N / MM <sup>2</sup> Minimum	370	294	314	290 - 370	440 - 540	285
	455	373	373	370 - 440	540	320
	-	451	451	-	-	400
ELONGATION Percent (%) Minimum	-	40	35	50	12	-
	-	20	15	27	6	-
	-	-	-	-	-	-
HARDNESS	-	-	-	-	-	80 Max.
	-	-	-	-	-	80 - 110
HV 5	-	-	-	-	-	130 Min.
GRAIN SIZE mm(75X)	-	0.025 - 0.060	-	-	-	-
	-	-	-	-	-	-

**Exports:** Brazil, South Africa, Nigeria, UAE, Bahrain, Italy, Indonesia, Malaysia, United States, Mexico, China, Brazil, Peru, Nigeria, Kuwait, Jordan, Dubai, Thailand (Bangkok), Venezuela, Iran, Germany, UK, Canada, Russia, Turkey, Australia, New Zealand, Sri Lanka, Vietnam, South Africa, Kazakhstan and Saudi Arabia, Oman

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