



INDUSTRIAS UNIDAS, S.A. DE C.V.
PIPE DIVISION
PRODUCT DATA SHEET
SEAMLESS COPPER TUBING

PRODUCT:

TUBING FOR AIR CONDITIONING AND REFRIGERATION SYSTEMS

Flexible

MANUFACTURING STANDARD

ASTM STANDARD B280

PACKAGING

Coils of 50' (15.24 m) *

CHEMICAL COMPOSITION

ALLOY UNS No. C12200	
Element	%
Copper	99.90
Phosphorus	0.015 – 0.040

TEMPER AND MECHANICAL PROPERTIES

TEMPER	PACKAGING	TENSILE STRENGTH ksi (MPa)	% ELONGATION IN 2" min	GRAIN SIZE (mm) min
O60 (Soft Anneal)	Coil	30 (205)	40	0.040

1 KSI = 1000 psi

NONDESTRUCTIVE TESTS

Eddy current inspection

WORKING PRESSURE

Outside Diameter or Nominal Size (in)	Wall Thickness	Working pressure
	(in)	PSI @38°C
1/8"	0.030	3074
3/16"	0.030	1930
1/4"	0.030	1406
5/16"	0.032	1195
3/8"	0.032	984
1/2"	0.032	727
5/8"	0.035	618
3/4"	0.035	511
7/8"	0.045	582
1 1/8"	0.050	494



CLEANING REQUIREMENTS

Residues = 0.038 g/m2

* Length may vary according to customer requirements.

PREPARED BY:REVIEWED BY:

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