



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

PRODUCT:

TUBING FOR AIR CONDITIONING AND REFRIGERATION SYSTEMS

Flexible, Individual or Coil-Set

MANUFACTURING STANDARD

ASTM STANDARD B743

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)	% ELONGATIO N 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

Material	Working pressure PSI @38°C	Packing	
		Pcs/box	
		Individual	Coil-Set
1/4" X 0.024"	1126	1	10
5/16" X 0.024"	889	1	9
3/8" X 0.024"	735	1	8
1/2" X 0.028"	635	1	7
5/8" X 0.028"	504	1	6
3/4" X 0.032"	486	1	4
7/8" X 0.035"	444	1	4



CLEANING REQUIREMENTS

Residues = 0.038 g/m2

* Length may vary according to customer requirements.

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