



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

PRODUCT:
RIGID ACR TUBE

MANUFACTURING STANDARD
ASTM STANDARD B280

PACKAGING
6.1 m length with plugs at both ends

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)
H58 (hard)	Straight length	36(250)

NONDESTRUCTIVE TESTS
Eddy current inspection

WORKING PRESSURE

Outside Diameter or Nominal Size (in)	Wall Thickness	Working pressure
	(in)	PSI @38°C
3/8	0.030	1569
1/2	0.035	1341
5/8	0.040	1242
3/4	0.042	1086
7/8	0.045	1002
1 1/8	0.050	850
1 3/8	0.055	755
1 5/8	0.060	702
2 1/8	0.070	625
2 5/8	0.080	577
3 1/8	0.090	545
3 5/8	0.100	522
4 1/8	0.110	504



CLEANING REQUIREMENTS
Residues = 0.038 g/m2
Length may vary according to customer requirements.

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