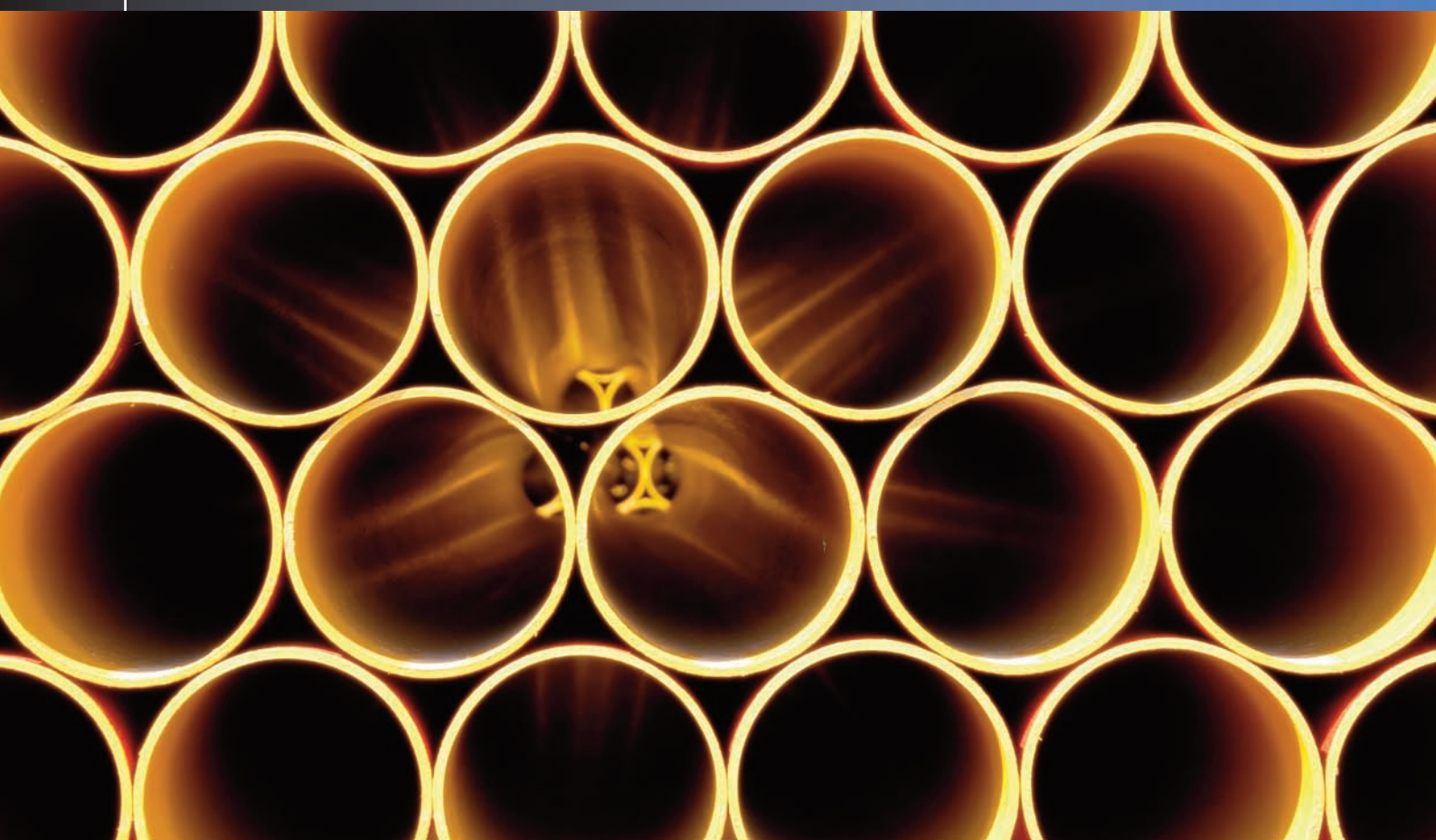


COPPER 'INTEGRON' LOW FIN TUBING



COPPER 'INTEGRON' LOW FIN TUBING

APPLICATIONS

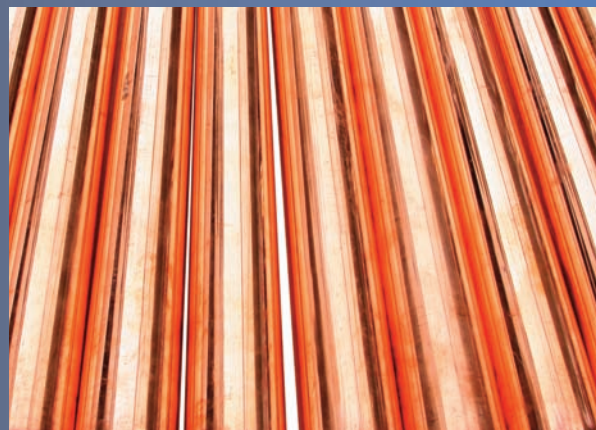
'Integron' Low Fin Tubing is supplied in copper and copper alloys and is the perfect choice in shell and tube heat exchangers, evaporators, calorifiers and coolers for the refrigeration, air conditioning, liquefied natural gas (LNG), offshore and power generation industries.

DESIGN DATA

Low Fin 'Integron' tubes are manufactured in accordance with internationally recognised standards such as ASTM B.359, DIN 17679 and Vd TUV 420/1 or to your special requirements. The most commonly used low fin 'Integron' tubes have an outside diameter at the plain end in the range ½" – 1" (12.7mm i 25.4mm), a nominal fin height of 1/16" (1.5mm) and fin spacing of 19 per inch (750 per mtr), 26 per inch (1025 per mtr) and 28 per inch (1102 per mtr).

The outside surface area of low fin 'Integron' varies from 2½ to 3 or more times that of an equivalent plain tube, and most sizes can usually be bent to a centre line radius of twice the tube diameter. The tables on the next page detail the more commonly used sizes of 'Integron' low fin tubes.

Enquiries for tubes with other dimensions will be considered upon request.



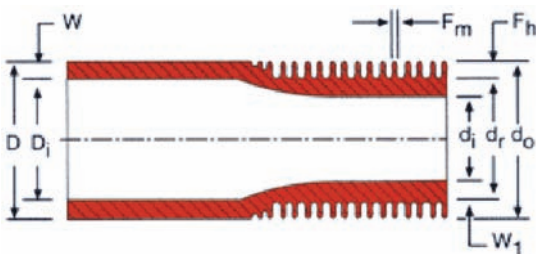
SPECIFICATIONS

- ALL STRAIGHT LENGTH TUBES air tested at 250 psi after finning.
- ALL 'U' BENDS hydro-tested after bending.
- ALL TUBES NDENT (eddy current) after finning (when specified).
- MINIMUM LAND LENGTH: 1.0"/25.4mm.
- MINIMUM PLAIN LAND LENGTH: 1.0"/25.4mm.
- MINIMUM DISTANCE BETWEEN LANDS: 18"/457.2mm.

AVAILABLE IN CARBON STEEL, STAINLESS STEEL, DUPLEX, SUPER DUPLEX, NICKEL, SPECIAL ALLOYS, TITANIUM AND COPPER ALLOYS.

COPPER 'INTEGRON' LOW FIN TUBING

Code	Plain End OD. In	Nominal wall Thickness Plain Ends in	Finned Section in	Mean Bore in	Mean External Area ft2/ft	Surface Area Ratio Ext/Int
194049	0.625	0.067	0.049	0.402	0.405	3.84
194065	0.625	0.079	0.065	0.37	0.405	4.19
195035	0.75	0.054	0.035	0.555	0.496	3.41
195042	0.75	0.057	0.042	0.540	0.496	3.50
195049	0.75	0.067	0.049	0.527	0.496	3.59
195065	0.75	0.079	0.065	0.495	0.496	3.84
195083	0.75	0.099	0.083	0.459	0.496	4.14
196049	0.875	0.067	0.049	0.652	0.588	3.44
196065	0.875	0.080	0.065	0.620	0.588	3.63
196083	0.875	0.099	0.083	0.584	0.588	3.84
197049	1.0	0.069	0.049	0.777	0.678	3.33
197065	1.0	0.082	0.065	0.745	0.678	3.48
197083	1.0	0.099	0.083	0.709	0.678	3.66
265028	0.75	0.053	0.028	0.569	0.640	4.30
265035	0.75	0.055	0.035	0.555	0.640	4.40
265042	0.75	0.059	0.042	0.541	0.640	4.52



- D** = Outside Diameter of Plain End
- Di** = Inside Diameter of Plain End
- dr** = Root Diameter
- do** = Diameter Over Fins
- di** = Inside Diameter of Fin Section
- W** = Wall Thickness of Plain End
- W1** = Wall Thickness over Fin
- Fh** = Height of Fin
- Fm** = Mean Fin Thickness

DEFINITION OF PART NUMBERS

Example: 195049

19: FINS PER INCH

5: ROOT DIAMETER (REFERENCE) IN EIGHTHS OF AN INCH

049: WALL THICKNESS UNDER FIN IN THOUSANDTHS OF AN INCH



Regents Drive, Low Prudhoe Industrial Estate,
Prudhoe, Northumberland, United Kingdom
NE42 6PX

Tel: +44 (0) 1661 839240

Fax: +44 (0) 1661 839248

+44 (0) 1661 839249

For Stainless Steel Enquires:

howard@salemtube.net

For Carbon Steel Enquires:

paul@salemtube.net

www.salemtube.net