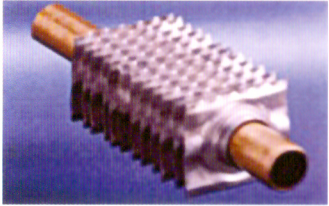


Other fins

Cross Fin Tube (Plate Fin)



A cross-fin coil type heat exchanger wherein a multiplicity of raised fins of the louver type are formed on the major portion of the surface of a convoluted fin base plate and the area of

the portion of the fin base plate reduced in heat transfer performance is minimized, to improve the heat transfer effects achieved by the fins.

Crimped Fin Tube



In this type of fin tubes, the strips are wound on tubes and tack welded at ends. This type of fin tubes can also be supplied Root Soldered where base of the fins are soldered to the

tubes for better bonding. The extended surface area of these finned tubes are used in many applications. The fin tubes can be made with tubes of Copper, Copper-Nickel, Admiralty / Aluminium Brass and fin material of Copper, Aluminium & M.S. wound around it.

Tube Coil



Our Service Features

Prototypes with Technical Assistance

Tube OD from 0.050" to 4.00"

Quantities High or Low

Coil OD up to 60"+

Materials: Carbon Steel, Stainless

Steel, Copper, Aluminium, Other

Coil Height up to 120"+

Square Tubing coil, Angle Iron coil

Coil Types



End Closure Manipulation

Simple Tube Coils

Steel Tubing Coils

Stainless Steel Tubing Coils

Aluminum Tubing Coils

Copper Heat Transfer

Helical Coils

Nested Coils

Tube-In-Tube Coils

Tapered & Flat Spiral Coils

Other, etc.

End Closure Manipulation

Deburred

Open / rounded

Sharp / flattened

Welded shut

Pierced

Swage & tapered

Beveled

Threaded, etc.

PLEASE CONTACT FOR A SPECIFIC TYPE AND SIZE IF NOT LISTED.

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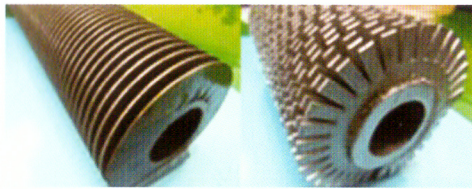


FIN TUBE & TUBE COIL

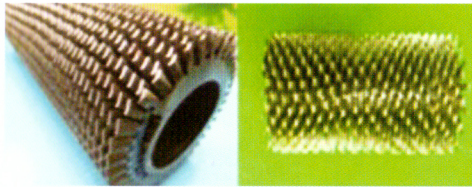
 **Elyon Industry Co., Ltd.**

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E-mail : elyon@elyonindustry.com
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High frequency welded finned tube



■ Solid ■ Serrated



■ Twist ■ Bent

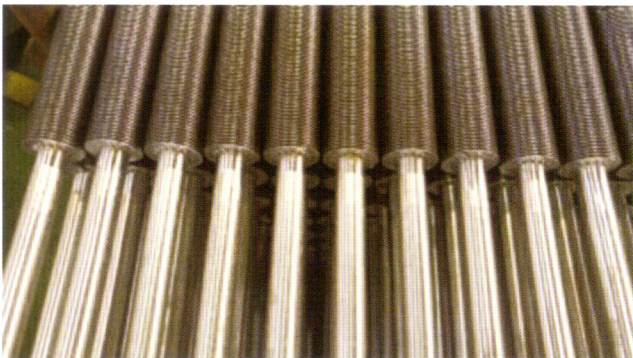
High-frequency welded finned tubes are applied to a wide range such as HRSG, Petrochemistry, Power generation facilities,

Desalination facilities, Economizers and Gas coolers.

They are also used at waste heat recovery facilities and heat exchangers.

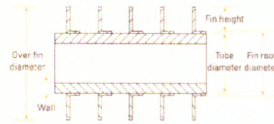
They are divided into solid and serrated to be produced and supplied.

FIN TYPE	TUBE OD	FIN THICKNESS	FIN HEIGHT	FIN PITCH	FINNING LENGTH
SERRATED	25.4 ~ 191mm	0.8~2.5mm	8~30mm	1.1~8.6 FPI	23,000mm
SOLID	25.4 ~ 191mm	0.8~2.5mm	6~30mm	1.1~8.6 FPI	23,000mm



PLEASE CONTACT FOR A SPECIFIC TYPE AND SIZE IF NOT LISTED.

L Fin Tube

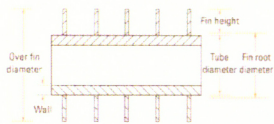


Highly efficient yet cost effective, L-footed finned tubing offers maximum heat transfer at lower temperatures.

The unique L-shaped design holds fins rigidly to withstand heat cycling and high velocity air vibration.

TUBE OD (MM)	FIN THICK (MM)	FIN PITCH (FPI)	FIN HEIGHT (MM)	TUBE MATERIAL	FIN MATERIAL
15.88	0.4~0.5	9~11	~11	SUS,CS,CU	AL, CU
19.05	0.4~0.5	9~11	~11	SUS,CS,CU	AL, CU
25.4	0.4~0.5	9~11	~16	SUS,CS,CU	AL, CU
31.75	0.4~0.5	9~11	~16	SUS,CS,CU	AL, CU
38.1	0.4~0.5	9~11	~16	SUS,CS,CU	AL, CU

G-Fin Tube

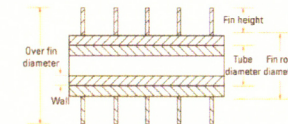


G(embedded) finned tubing offers exceptional thermal efficiency at higher temperature ranges with solid fin-to-tube contact. Fins are mechanically locked into a helical groove in the outside of the tube. Rollers press displaced metal from the groove against the base of the fin to form a lasting metal-to-metal bond.

TUBE OD (MM)	FIN THICK (MM)	FIN PITCH (FPI)	FIN HEIGHT (MM)	TUBE MATERIAL	FIN MATERIAL
19.05	0.4~0.5	9~11	~11	SUS,CS,CU	AL, CU
25.4	0.4~0.5	9~11	~16	SUS,CS,CU	AL, CU
31.75	0.4~0.5	9~11	~16	SUS,CS,CU	AL, CU

PLEASE CONTACT FOR A SPECIFIC TYPE AND SIZE IF NOT LISTED.

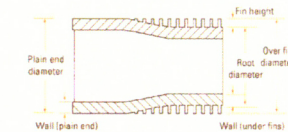
Extruded-Fin Tube



Extruded fin tubes are formed helically out of a bi-metal or single walled tube. The result is an integrally formed finned tube with an excellent fin-to-tube bond providing exceptional efficiency and longevity. Whether rough service, high temperatures, or corrosive environment, extruded fin tubes are a great option.

TUBE OD (MM)	FIN THICK (MM)	FIN PITCH (FPI)	FIN HEIGHT (MM)	TUBE MATERIAL	FIN MATERIAL
25.4	0.4~0.5	9~11	~16	SUS,CS,CU	AL

Low Fin Tube



Low Fin tubing is a type of extruded tubing that consists of small low fins. The low fin tube is very similar to the extruded "high fin" types but these tubes have the same diameter as the base tube. Low Fin Enhanced tubes can be used in standard shell and tube baffles and tube sheets. The primary advantage for the low fin tube is providing surface enhancement and better heat transfer over smooth tubing.

TUBE OD (MM)	FIN THICK (MM)	FIN PITCH (FPI)	FIN HEIGHT (MM)	TUBE MATERIAL
12.7	0.17~0.33	19~40	0.3~1.45	SUS,CS,CU,TI
15.88	0.17~0.33	19~40	0.3~1.45	SUS,CS,CU,TI
19.05	0.17~0.33	19~40	0.3~1.45	SUS,CS,CU,TI
25.4	0.17~0.33	19~40	0.3~1.45	SUS,CS,CU,TI

PLEASE CONTACT FOR A SPECIFIC TYPE AND SIZE IF NOT LISTED.