



Extruded Fin Tubes

Enerfin fin tubes are formed in a cold rotary extrusion process, where continuous helical fins are radially extruded from a thick aluminium muff over a liner tube. The process of extrusion hardens the fins and prevents dissimilar metal contacts at the fin root. Compared to other products, fins do not break, unwind or become loose which affects greatly thermal efficiency.

Enerfin offers a wide range of extruded fin tubes. Our standard liner tube O.D's are:

- .625" (15.87mm)
- .75" (19.05mm)
- .875" (22.22mm)
- 1" (25.4mm)
- Other sizes are available upon request.

The fin height can vary from .25" (6.35mm) to .5625" (14.25mm) and come with 7, 9, or 11 fins per inch. Other fin heights are available upon request.

Applications

- Heat pipes;
- Cooling units;
- Heating units.

Material

Enerfin can supply extruded fin tubes with or without liner in a variety of material.

- Fin material is in aluminum (standard) or copper.
- Liner tubes can be of any material such as copper, cu/ni 90/10, titanium, carbon steel, stainless steel, etc.

Features

- No galvanic corrosion at the base of the fins;
- Strong rugged fins very easy to clean without bending them;
- Higher heat transfer performance for the life of the unit;
- Can ship cut to length and stripped at both ends;
- Bell end.



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