

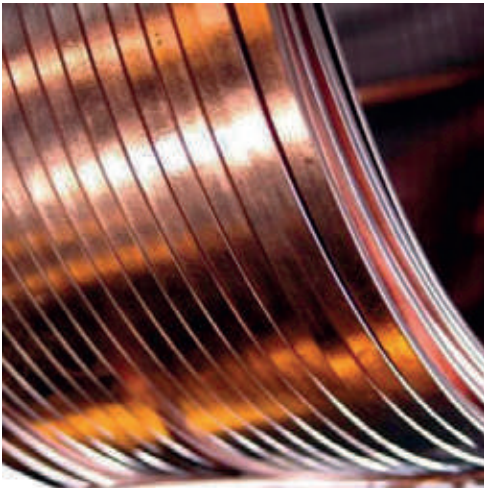


Presentation:

Our main supplier of enameled wire is the EDERFIL BECKER GROUP. They have been producing round and rectangular enameled copper and aluminum electrical conductors for over 70 years, for supply to different sectors: automotive, energy, transformers, wind power, industrial engines, electrical generators, etc. They are one of the leading manufacturers in the enameled wire sector internationally. They export more than 80% of their products worldwide. Their customers include some of the world's leading manufacturers and developers of solutions for the energy and e-mobility sectors.

Class C enameled copper and aluminum wire is shown below. Other classes, such as F, H and flat wire, can be made to order.

Flat Copper Wire IMAGE C200 PLUS



Features :

Section: Flat
Material: Copper
Thermal class: 220 °C
Enamel polymer: PEI+PAI+PA
Grades: 1 – 2
Diameters: 1 – 75 mm²
(Other diameters and flat wires are available on request)

Application :

Windings for various electronic and electrical installations such as oil-immersed transformers, dry-type transformers and high-temperature transformers, as well as e-mobility.

Note :

Other dimensions available on request

Composition :

It's an enamelled strip with excellent mechanical, thermal and chemical properties. Structurally, the insulation consists of a POLYESTER or POLYESTER-IMIDE-based varnish and a POLYAMIDE-IMIDE top layer. Each layer of varnish gives the final wire excellent properties, including excellent abrasion resistance, high flexibility and adhesion to copper, which means it is able to withstand the extreme deformation, stretching and crushing that occur during winding. Thermally, the wire is capable of withstanding high operating temperatures, occasional overloads and prolonged thermal shock cycles. Chemically, the wire is compatible with most impregnating resins and oils, coolants and cleaning fluids.