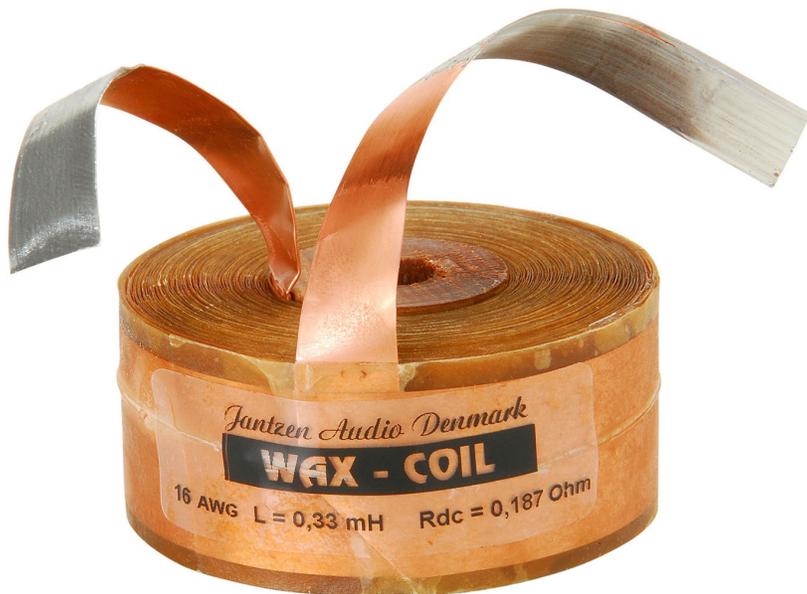


WAX COIL™



The Jantzen Audio Wax Coil™ offers the next level in foil based audio-grade inductors. The Wax impregnation insures the copper foil and winding integrity for decades of high performance.

Using pure copper foil we have insured a better surface for electron travel, a better distortion reduction and higher power handling, compared to wire inductors.

HIGHLIGHTS

High performance foil inductor offering improved power handling and dynamic head room

Available in 8, 12, 14 and 16 AWG to suit any crossover application

The Wax Coil is a further development of the Cross Coil, using wax impregnation to secure the integrity of the windings a foil even further

Lowered distortion compared to single wire based inductors

TECHNICAL INFORMATION

- Made from ETP (Electrolytic-Tough-Pitch) C11000 / IACS certified copper
- Available in 8, 12, 14 and 16 AWG
- Inductance tolerance: +/- 2%
- RDC tolerance: +/- 5%
- Wax type: Specially developed paraffin Wax to insure high temperature handling and also insures that the wax surface has no air-bubbles.
- Insulation: Special paper type between the windings. The entire coil is insulated by being impregnated with a unique paraffin wax type, especially developed for Jantzen Audio.
- Using copper foil offers improved dynamic headroom and a better surface for the travel of electrons (compared to standard type single-wire inductors)
- If you take a 1.6 mm² copper wire and roll it flat, the copper surface area becomes 12 times larger.

We know that with rising frequency, the electrons will reach for the surface.

This Phenomenon is known as power distortion. And this is why we need as large a surface as we can get, so the electrons do not "get squeezed" along the way.

Until recently, the only disadvantage with foil inductors was the price. But with Jantzen Audio's new production methods and specially constructed machinery, the price has been greatly reduced.

- **Power handling:**
 - 16 AWG – 350 watts RMS
 - 14 AWG – 500 watts RMS
 - 12 AWG – 650 watts RMS
 - 8 AWG – 850 watts RMS