

Acoustic Perfection

Simply the best.....

SILK Audio Supermalloy SQ annealed Core MC Step up Transformers with Nano Winding Technology:

- 10x and 20x
- stainless shielded (5x7cm) can with mounting brackets
- 25/100 ohm input impedance

Utilizes best selected Supermalloy core which are all different in quality with the best one as much as 50% better. The transformer can be wired as 1:10 or 1:20 with guaranteed better frequency response than even Ortofon T-3000 (+\$1,600USD)



Not all MC-step up transformers are the same!

SILK Supermalloy MC-Step up Transformer incorporates several design features to enable better transformers to be built

The core material uses the best Supermalloy 80% high quality Nickel/Cobalt alloy core in the world and provides the highest inductance, and provides highest permeability (μ) with lowest coercive force with lowest number of copper turns. This enables the use of extreme Nano Winding Technology which allows the extension of the frequency bandwidth with lowest phase shift and highest signal transfer.

This results in a Supermalloy core with less than half the core stacking, but still generates more than 25 times inductance than silicon steel. The benefit from using such high quality Supermalloy core is simply the reduction of winding turns by very large factor. This lowers the winding resistance along side leakage inductance, winding capacitance, insertion loss and others.

A new winding technique called "SILK Nano Winding Technology" is used to maximize the utilization of Supermalloy property creating new level of performance from transformer. This Supermalloy is much better in quality in all aspects compare to previously available permalloy core due to a new manufacturing process and special heat treatment to maximize its permeability.

Nano Winding Technology is Silk's exclusive technique that commences with the use of super small OFC wires (much smaller than human hair) which are woven to extend the high frequencies by increasing the skin area of conductor (skin effect).

The copper wire is also wound perfect lay to help maximize signal coupling.

Silk's design reduces cartridge distortion by providing theoretical loading (true loading) down to 20Hz. Lab testing has proved that although most signal information on an LP consist of mid-high frequencies because of the RIAA standard, loading the MC-step-up transformer with true loading down to 20Hz helps lower throughout audio band. The 10x/20x is very versatile. It can be connected in two ratios. With 1:10X step up, it will have 100 ohm load. With 1:20X step up, it will have 25 ohm load. These two connections can cover 90% of all MC cartridges.

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