

LEGAL DISCLAIMER: There is no guarantee on the functioning of this program.

Note: means, this cartridge is not suited for all transformers. Other minimum load is not sufficient.

Some notes about this table: Cartridge data is collected from reliable sources. This table works by precise calculations, including primary and secondary copper resistance. Which resistance changes when windings are connected in series or in parallel. Also the cartridge load may not quite be what you expect, if copper resistance is ignored. At all. These calculations are lengthy, so using Excel is much easier as calculating it by hand. You can see the effect of this, when going for instance from 1.1 to 1.28, it will not double the output signal, but the result will be less. The main concern of MC owners, is signal level. Because the higher the signal, the smaller the noise will be. Very good combinations have green boxes, meaning output voltage is above 30mV. A blue box is above 70mV. An empty (black) box is below 30mV, or above 70mV. Secondary Load on cartridges is 4K Ω plus the damping resistance, which is connected in parallel to the secondary. Damping resistance is based on resistors of E24/E22 PCBs. A database for cartridges is found at https://www.wengler.com/cartridge_database.php or <http://www.jamieson.com>

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