

POWER CORE INDUSTRIES™

TOROID



DELIVERING YOUR DEMANDS

Toroidal Tech Data

Toroidal cores can be supplied for use in the manufacture of current transformers, instrument transformers, etc. Typically, such cores are manufactured from grain-oriented steel and fully stress relief annealed.

Cores are tested to all agreed-upon technical requirements and customer specification flux density.

Dimensional the feasibility of any particular combination of dimensions will be verified at the time of an enquiry.

Toroidal Cores:

| Options | |
|---------|---|
| Shape | Round |
| Coating | (a) Epoxy edge bonding to fix shape and retain best performance (Recommended for large diameter). |
| | (b) Epoxy powder coated to a nominal thickness of 0.025" (Maximum core weight = 5Kg) |

The critical guaranteed values of our Toroidal cores at 1.5 Tesla 50 HZ is:

| Grade | Guaranteed No Load Current |
|---------------|----------------------------|
| Hi – B grades | 0.28 AT/cm |
| M4 | 0.32 AT/cm |
| M5 | 0.36 AT/cm |
| M6 | 0.42 AT/cm |

