



CORES & LAMINATIONS



Engineered for Performance, Tested for Reliability

M2H / M4 grade CRGO material used for all types of cores. Toroid cores also available in M6-0.35 CRGO material on demand.

Smooth profile of cores obtained by slitting on SPM Japanese machine with high level precision.

Hi-tech winding machines ensure >96% stacking factor.

Imported Precision Spot Welding machine (TIG) ensures clean spot without puncture/bulging.

Specialized annealing process achieves requisite electrical parameters.

Testing of all cores on specialized testing equipments, which incorporate CVFT, eliminates frequency and voltage fluctuations.

EI Laminations are manufactured using M6 grade CRGO material of 0.35 mm and supplied in special packing with GI trays in corrugated boxes.



PRODUCT PORTFOLIO



R-Cores

Rectangular cores with a round cross section, Shilchar R-Cores are balanced on each limb with winding done on special bobbins. R-Core transformers have low exciting current & high efficiency.



R-Toroid Cores/Half R-Toroid Cores

Innovative cores with a round cross section, the R-Toroid / half R-Toroid cores are ideal for power transformers, current transformers and voltage regulators. The cores' round edges prevent insulation damage and wire breakage. Moreover, its round section prevents air-gap between winding and core.



Conventional Toroid/Rectangular Cores

Manufactured on SPM Japanese winding machines, these cores ensure over 96% stacking factor. Plus, bulging free spot welding avoids insulation damage. Manufactured in various sizes as per customer's requirement.



Cut C-Cores and Split Cores

Suitable for single/three phase Chokes & Power Transformers. Shilchar's Cut C-Core & Split Cores boast of precise shape, cut & finish as they are manufactured on SPM Machines using superior materials & binding agents. They are manufactured to customer's dimensions or offered in standard sizes.



EI Laminations

Manufactured on high speed punching press with progressive tools from 0.35 mm M6 Grade CRGO material, the EI Laminations come with a burr free guarantee. They can also be used in automatic stacking machine.



SHILCHAR
TECHNOLOGIES LIMITED

