

**DCA319: Extra Kapton
For End Clamp Test**

**TS-SSC 91-232
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The lead and return end clamps for DCA319 will be installed before collaring to check for end region turn-to-turn shorts. Normally, the amount of kapton placed on the interior surfaces of the G10 insulators is decided by comparing internal diameter measurements of the insulators to those of past magnets [1].

In the case of DCA319, to expedite processing, I recommend that the current best guess at a standard amount of kapton, 8 mils [2], be placed on the inner insulator surfaces. This 8 mils may be applied by placing a 5 mil sheet and a 3 mil sheet on. The 3 mil kapton is adhesive-backed, and may be obtained from Imre Gonzy (x8103) in Industrial Building 3.

References

1. See for example, TS-SSC 91-227 and 228
2. Result of ongoing tests in IB3 to standardize end clamp shimming.

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