

R. Bossert 4-13-92
TS-SSC-92-066

Cable Insulation for SSC 50mm Magnets 1992

Cookie Magnets

DSI340

Upper inner coil (#130) - one layer of .001 x .375 bare kapton H film with 67% overlap surrounded by one layer of .001 x .375 kapton H film with 2290 on one side with 50% overlap.

Lower inner coil (#131) - one layer of .001 x .375 bare kapton H film with 67% overlap surrounded by one layer of .001 x .375 kapton H film with 2290 on one side with 50% overlap.

Outer Coils: one layer of .001 x .375 bare kapton H film with 67% overlap surrounded by one layer of .001 x .375 kapton H film with 2290 on one side with 50% overlap.

DSI341

Inner coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT film with 2290 on one side butt lap.

Outer coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT film with 2290 on one side with 50% overlap.

DSI342

Inner coils: one layer of .001 x .375 bare Apical NP with 50% overlap surrounded by one layer of .001 x .375 Apical NP with Cryorad adhesive on both sides butt lapped.

Outer coils: one layer of .001 x .375 bare Apical NP with 50% overlap surrounded by one layer of .001 x .375 Apical NP with Cryorad adhesive on both sides with 50% overlap.

Short Magnets

DSA330

Inner coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT film with 2290 on one side butt lap.

Outer coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT film with 2290 on one side with 50% overlap.

DSA331

Inner coils: one layer of .001 x .375 Apical NP with cryorad adhesive on one side with 67% overlap.

Outer coils: one layer of .001 x .375 Apical NP with 50% overlap with Cryorad adhesive on one side surrounded by one layer of .001 x .375 Apical NP with 50% overlap with Cryorad adhesive on one side .

DSA332

Inner coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT with 2290 on one side butt lap.

Outer coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT with 2290 on one side with 50% overlap.

DSA333

Inner coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton with 2290 on both sides butt lap.

Outer coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT with 2290 on both sides with 50% overlap.

DSA334

Inner coils: one layer of .001 x .375 bare Apical NP with 50% overlap surrounded by one layer of .001 x .375 Apical NP with Cryorad adhesive on both sides butt lapped.

Outer coils: one layer of .001 x .375 bare Apical NP with 50% overlap surrounded by one layer of .001 x .375 Apical NP with Cryorad adhesive on both sides with 50% overlap.

Long Magnets**DCA320**

Inner coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT with 2290 on one side butt lap.

Outer coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT with 2290 on one side with 50% overlap.

DCA321

Inner coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT with 2290 on one side butt lap.

Outer coils: one layer of .001 x .375 bare kapton H film with 50% overlap surrounded by one layer of .001 x .375 kapton LT with 2290 on one side with 50% overlap.

DCA322

Inner coils: one layer of .001 x .375 bare Apical NP with 50% overlap surrounded by one layer of .001 x .375 Apical NP with Cryorad adhesive on both sides butt lapped.

Outer coils: one layer of .001 x .375 bare Apical NP with 50% overlap surrounded by one layer of .001 x .375 Apical NP with Cryorad adhesive on both sides with 50% overlap.

DCA323

Inner coils: one layer of .001 x .375 bare Apical NP with 50% overlap surrounded by one layer of .001 x .375 Apical NP with Cryorad adhesive on both sides butt lapped.

Outer coils: one layer of .001 x .375 bare Apical NP with 50% overlap surrounded by one layer of .001 x .375 Apical NP with Cryorad adhesive on both sides with 50% overlap.