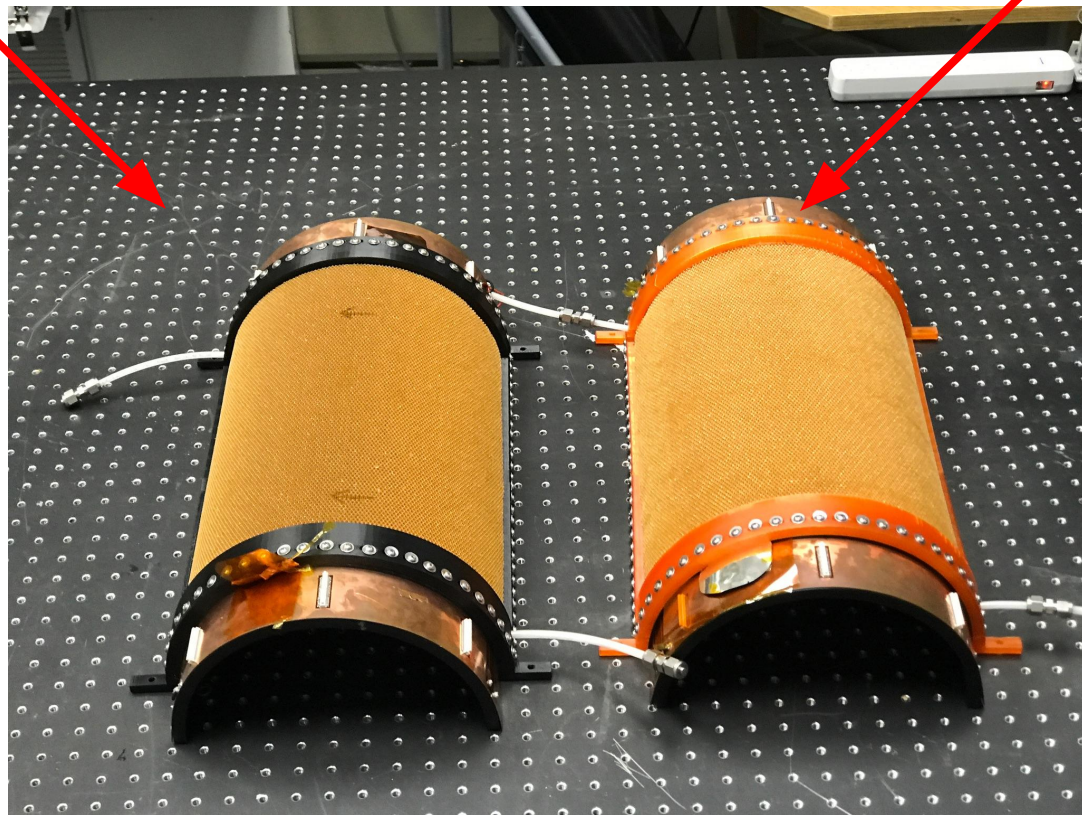
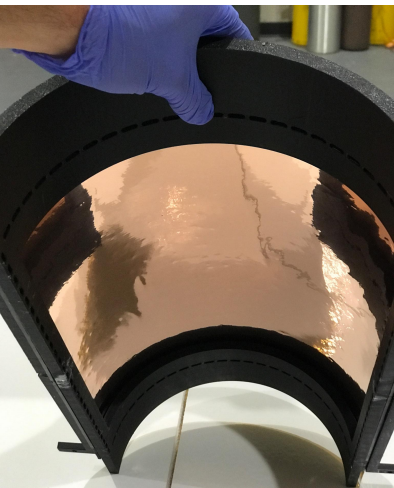


Detector 1: Straight Strips

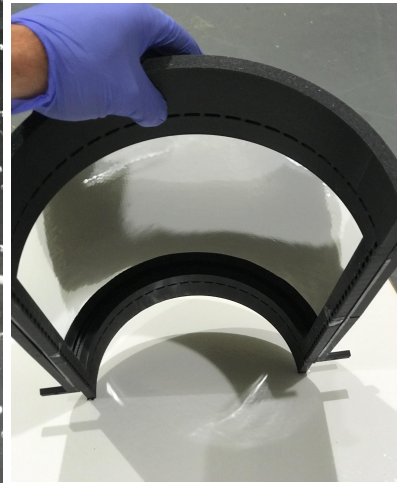
Final Product

Detector 2: Zig Zag Strips

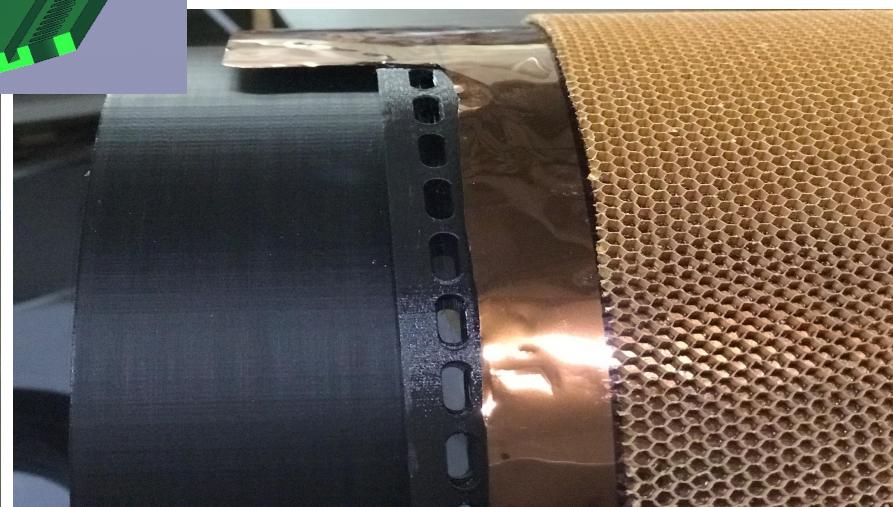
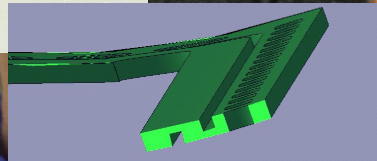
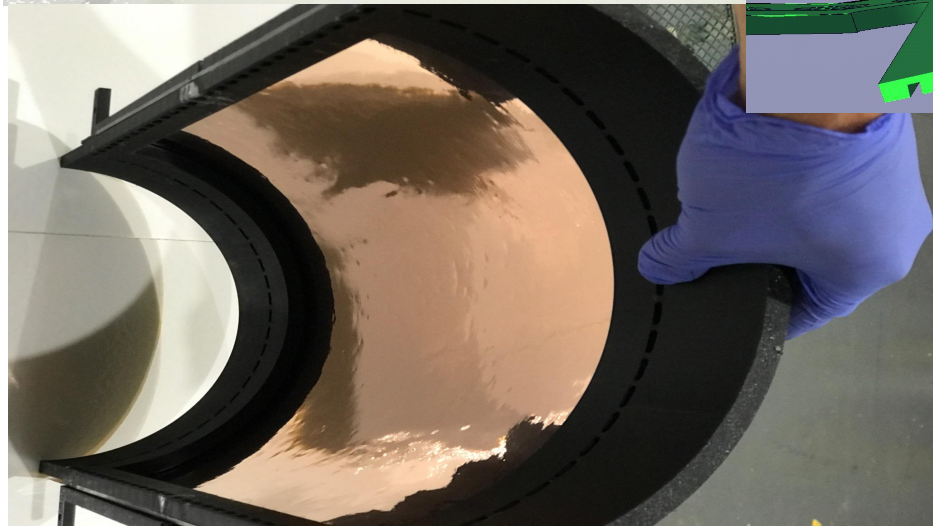
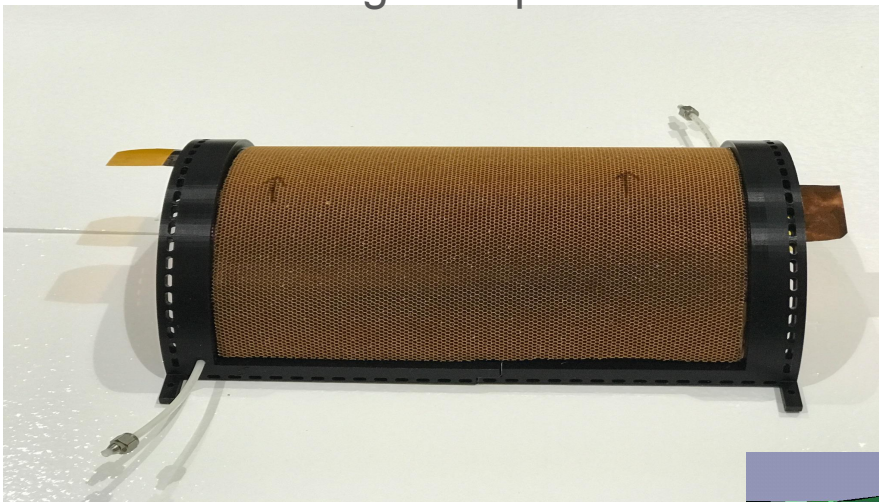
- Cu/ KAPTON Drift
- Double O Ring
- New Gas Valve



- AL/Mylar Drift
- Double O-Ring
- New Gas Valve



Pics of the Straight Strip Detector



Results Gas Testing

- Preparation of the foils included heating them in oven for 48 hours, transferring them into the frames, tightening screws, putting under nitrogen until dew point initially reached -4
- Gas Leak testing : After tightening we achieved a 50 percent gas in put output rate on both gasses.
- Procedures: intervals of 10V up to 500V, there were no trips. Then the uRWELL on 500V and was able to get the drift to 1200V no trips!

Results :

- Detector 1 @ urwell: 560V showed 58.53uA, Drift @1060V shows 2.0uA
- Detector 2 @urwell : 560 V showed 30.03uA Drift @1060V shows .054uA
- Both detectors were tested in Ar/Co2 : For Detector 1 Ar/CO2 Testing:
 - Testing urwell at 560 showed starting fluctuations of current.
 - Dew Point for the Ar/Co2 measurement was -19.3 (detector 1) and -18 (detector 2) during testing.

*-I can circulate graphs around in email if interested

Timeline: Future Tasks /Jlab

Jan 20	Prepare for Source Testing.
Jan 27	Source Testing
Feb 3	Cosmics Testing , our srs, kondo?
Feb 10	
Feb 17	
Feb 27	
March 3rd	Pack Detectors, In box
March 10th	
March 17th	Break