Kapton hybrid Summary

ATLAS FPC1.0 (SCIPP/KEK)

	Area [mm^2]	Area fraction	Thickness [mm]	Density rho [g/cm^3]	Weight [g]	Rad. Len. Xo [mm]	Point RL [%Xo]
Full area	5743						
Kapton (&Glue)		1.00	0.2380	1.45	1.98	290	0.082
Cu		0.66	0.0620	8.96	2.11	14.7	0.278
(Bottom layer		0.96	0.0230)				
(Top 3 layers		0.48	0.0390)				
Ni		0.66	0.0030	8.845	0.10	14.7	0.013
Au		0.66	0.0002	19.3	0.01	3.32	0.004
Total			0.3032		4.20		0.378
Measured			0.3000		4.22		

SVX-II 9510 (Fermilab/KEK)

	Area [mm^2]	Area fraction	Thickness [mm]	Density rho [g/cm^3]	Weight [g]	Rad. Len. Xo [mm]	Point RL [%Xo]
Full area	850						
Kapton (&Glue)		0.875	0.163	1.45	0.176	290	0.049
Cu		0.440	0.062	8.96	0.208	14.7	0.186
(Bottom layer		0.960	0.0230)				
(Top 3 layers		0.133	0.0390)				
Ni		0.440	0.003	8.845	0.010	14.7	0.009
Au		0.440	0.0002	19.3	0.001	3.32	0.003
Solder		0.119	0.01	11.35	0.011	5.56	0.021
Total			0.2382		0.406		0.246
Measured			0.235		0.409		