

TABLE I. Approximate relationship between oxidation time and film resistance for Al-Al<sub>2</sub>O<sub>3</sub>-Pb sandwiches.

Time	Temperature	Pressure	Resistance (ohm/mm <sup>2</sup> )
24 hr	100°C	atmospheric	10 <sup>5</sup> — 10 <sup>7</sup>
24 hr	room	atmospheric	10 <sup>3</sup> — 10 <sup>5</sup>
10 min	room	atmospheric	10 — 10 <sup>3</sup>
2 min	room	atmospheric	1 — 10 <sup>2</sup>
10 min	room	200μ Hg	10 <sup>1</sup> — 10 <sup>-1</sup>
10 min	room	50μ Hg	10 <sup>-2</sup> — 10 <sup>-1</sup>