Article Summary

*Equipment: Head joints (1)*

**Citation**: Fajardo, Raoul J, *New Types of Flute Embouchure Sections*. Early Music, Jul 1973, Vol 1, Issue n3, pp 152-153.

**Article Title**: *New Types of Flute Embouchure Sections*

**Author**: Raoul J.Fajardo

**INSTRUMENT**: Flute

**Magazine or Journal Title**: Early Music

**Summary**:

1. This article came about from three flutists switching head joints during one of their practice sessions.
	1. They realized each flute head joint made a flute from a different brand sound different.
	2. They concluded that the flute head joint was the primary source in determining tone quality.
2. This epiphany led to further research
3. A head joint was constructed that would fit in both a metal and wooden flute.
	1. This plastic head joint made both flutes sound very similar
4. A head joint was constructed out of translucent polymer glass.
	1. This gave the metal flute a greater dynamic range.
	2. This also gave the flute the best tone quality according to several listeners.
5. The thickness of the head joint also affects the tone quality.
	1. The thicker wall produced a sound resembling that of a baroque wooden flute.
	2. The thinner wall produced a more brilliant sound.
6. The thickness and material of the head joint also contribute to the volume or loudness of sound.