

Types of Audio Tape Backing

- 1. *paper* (used initially; 1935-1948)**
- 2. *Acetate* (1939-1970)
(breaks easily; then with age,
became very brittle and flammable)**
- 3. *Mylar* (1955-1978)
(does not break easily, but stretches a great deal)**
- 4. *Poly Vinyl Chloride (PVC)* (1962-1996)
(does not stretch as much as Mylar)**

Center Hub Sizes of Reels

5 inch reel = 1 $\frac{3}{4}$ inches

7 inch reel = 2 $\frac{1}{4}$ inches standard / 4 inches special

10 $\frac{1}{2}$ inch reel = 4 inches

Reel hubs should be the same size when recording and playing (if not, then speed problems will occur, as well as tape stretching problems)

Reel hubs may be of different size when loading bulk tape to empty reel – BUT use extreme caution when applying the brakes!!!