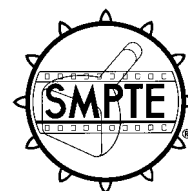


SMPTE STANDARD**ANSI/SMPTE 1-1996**Revision of
ANSI/SMPTE 1-1990for Video Recording —
2-in Magnetic Recording Tape**1 Scope**

This standard specifies the dimensions for the width, thickness, and curvature of 2-in video magnetic recording tape.

2 Dimensions**2.1 Width**

The width of the tape shall be 2.0000 in + 0 in – 0.0025 in (50.800 mm + 0 mm – 0.064 mm).

2.2 Thickness

The combined thickness of the base and magnetic material coating shall not exceed 0.0015 in (0.038 mm).

3 Curvature**3.1 Specification**

The curvature of the tape shall not exceed 0.0625 in (1.588 mm) in 48 in (1219 mm).

3.2 Measurement

Curvature shall be measured by constraining the tape to lie in a plane under zero tension and by positioning a 48 in (1219 mm) long straightedge, as shown in figure 1. The maximum deviation, C, of the tape edge from the straightedge shall be taken as the curvature.

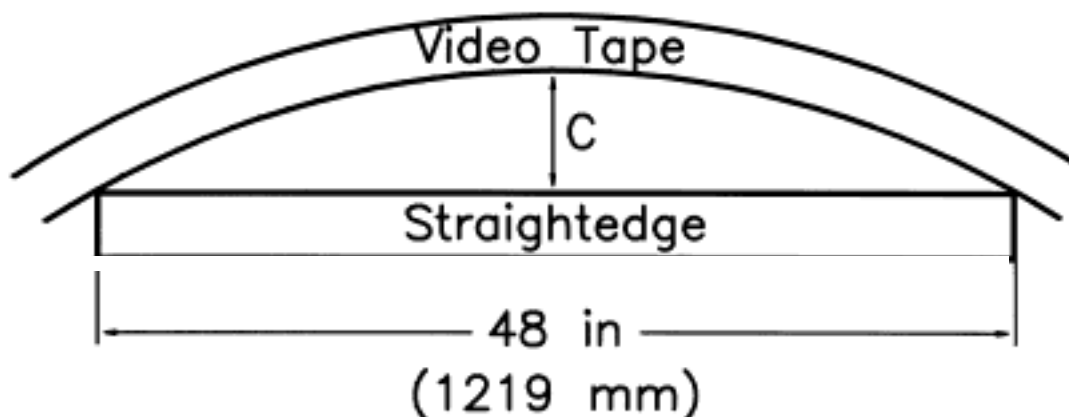


Figure 1 – Curvature measurement

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