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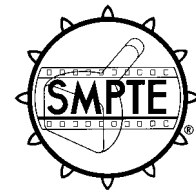
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SMPTE RECOMMENDED PRACTICE

RP 149-1992

Revision of RP 149-1988

Dimensions of Transverse Cemented Splices on 16-mm and 8-mm Type R Motion-Picture Film



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1 Scope

1.1 Specifications

This practice specifies the dimensions of transverse cemented splices on 16-mm and 8-mm type R motion-picture film.

1.2 Types

Two types of splices are specified: a laboratory splice for professional applications and a projection splice for release prints and consumer or amateur reversal films.

1.3 Excepted splicers

It is not intended that this practice be prejudicial to diagonal, scarf, or tape splicers.

2 Dimensions

2.1 Specifications

The dimensions shall be as given in the figures and tables.

2.2 Film width at splice

Film width at the splice shall not exceed 0.317 in (8.05 mm) for 8-mm type R film and 0.630 in (16.00 mm) for 16-mm film. If the film has been widened during scraping, the extra width shall be removed.

2.3 Lateral offset for perforation overlap

Perforation overlapping shall not be offset laterally by more than 0.002 in (0.05 mm).

2.4 Lateral offset for film edges

Edges of the two spliced films shall not be offset laterally by more than 0.002 in (0.05 mm) unless a difference in the lateral shrinkage of the two strips makes it impossible to maintain the tolerance. Shoulders formed by such misalignment shall be beveled after the cement has dried.

2.5 Angle between edges

In the plan view, the angle between the respective edges of the spliced films shall be $180^\circ \pm 4'$. Thus, the spliced film shall be aligned to the extent that, when one portion of the film is placed against a straightedge, the other portion will not deviate more than 0.006 in (0.15 mm), which is the approximate film thickness, in 6 in (152 mm).