

the manufacturers of film and projectors, camera stores, libraries, schools, and publications. The *National Safety News*, for instance, frequently carries detailed articles on producing slide shows, using slides, and related topics. The National Safety Council also publishes a series of Data Sheets on the subject (see References).

Slides

The most versatile visual aid probably is the 2 by 2 in slide, made from 35 mm (or 126 or 127) film in color or in black and white. Among the advantages of this aid are the low cost of the original film and the ease with which the pictures can be made and shown and that sound can be added. Programmers and other accessories permit special effects, sound, and automatic features which lend greater versatility.

The larger 3½ by 4 in slides, which require a powerful auditorium-type projector, are used more often than the 2 in slides by instructors and speakers appearing before large audiences.

"Instant" slides 2½ in square or 3½ in by 4 in can be made directly from Polaroid® Land camera transparencies. The slides can be mounted quickly in plastic frames for use in either an overhead projector fitted with a slide attachment or in a special lantern slide projector.

Slide projectors range from inexpensive single slide projectors that can be held in the hand and pointed at the screen, to remote control or automatic change projectors that have trays or magazines holding up to 140 slides. A small rear projection portable machine in a self-contained case, designed for table top use, is suitable for very small groups. With a taped or recorded message, this type is well suited to training one or more employees.

Filmstrips

The term "filmstrip" is preferred to the term "slide film" because the latter may be mistakenly understood to mean the separate slides. A filmstrip is merely a strip of standard 35mm film on which has been photographed a series of single frame pictures whose area is about one-half that of a standard 35 mm double frame 2 in slide.

Because the pictures in a filmstrip never can get reversed, lost, or out of sequence and because a strip can be rolled and placed in a small can, filmstrips are widely used by decentralized or multi-unit organizations in which a single copy must be shipped back and forth. Also, although the first cost is higher than that of the 2-in square slides, it is not expensive to have a large number of copies made. Fig 14-13 shows dimensions

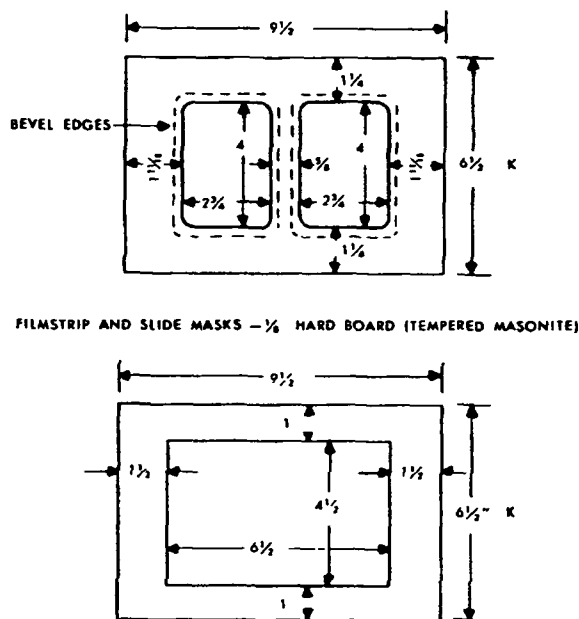


FIG 14-13—Filmstrip and slide masks can be used in conjunction with a copy stand to make filmstrips (above diagram) at two exposures per exposure on standard 35mm film, or 2 by 2-in slides (lower diagram). Masks can be made of ½-in hard board with beveled edges. Inexpensive, commercially available copying stands make it easy for anyone to transfer printed material or artwork to 35mm film.

Courtesy Eastman Kodak Co

of masks that can be used for making both filmstrips and 2 by 2 slides by copying with a 35mm camera.

Filmstrips require even more careful planning than slides because it is impossible to rearrange the frames or to add new material to suit specific situations or changing times. Also, unless a single-frame camera is used,