

When it Counts.. (@ 24 fps)

2 PERFORATION ADVANTAGES

Less raw stock

More running time per magazine, longer takes

More takes per magazine

Fewer reloads

Fewer short ends

Savings on lab costs

Ideal for Digital Intermediate route

Achieve superb image quality at lower costs with 2 perforation.

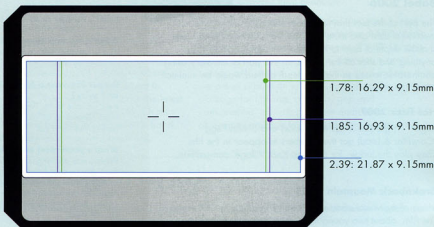
The 2 perforation format has a widescreen look made famous by the likes of Sergio Leone with titles such as *A Fistful of Dollars* and *The Good, the Bad and the Ugly*. Unfortunately, the format disappeared at the end of the seventies as the coarse grain structure of available camera negative and intermediate stocks, together with the optical process of the time did not yield good enough results.

Today's modern super fine grained film stocks and ultra sharp lenses, as well as the advent of the Digital Intermediate, all combine to achieve a 2 perforation image of superb quality, and as a result the ARRI Rental Group is introducing a new 2 perforation movement. The ARRICAM Studio, ARRICAM Lite and ARRIFLEX 235 will all be available in 2 perforation.

Ideal for cost-conscious filmmakers looking to compose a widescreen image, the format achieves a natural CinemaScope aspect ratio of 2.39:1 on standard 35mm film stock. It is also suitable for 1.85:1 and 1.78:1.

The quantity of film used is reduced because it is advanced by 2 perforations instead of the traditional 4 perforations, eliminating the previously unused space between frames. This translates to less stock and, consequently, a reduction in processing costs, with only a minimal reduction in negative area compared to 4 perforation.

SELECTION OF FORMATS FOR 2 PERFORATION



2 Perforation Uses 53% Less Film Stock*

| | Running Time of 400ft Magazine | Running Time of 1000ft Magazine |
|---------------|--------------------------------|---------------------------------|
| 2 Perforation | 8 minutes 34 seconds | 21 minutes 26 seconds |
| 4 Perforation | 4 minutes 17 seconds | 10 minutes 43 seconds |

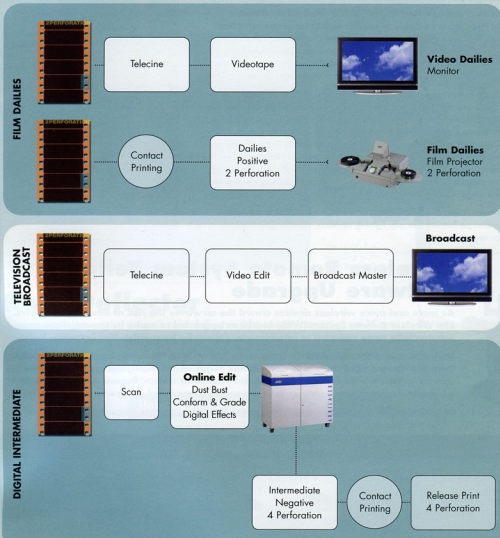
*To capture 10 hours of images: 2 perforation needs 72 x 400ft rolls, 4 perforation needs 154 x 400ft rolls. (Saving calculation based on 50ft waste with 4 perforation and 25ft waste with 2 perforation)

There are also benefits on set as 2 perforation increases the running time of a magazine by more than 100% to provide more shooting time. This means longer takes and fewer reloads, as well as fewer short ends, providing increased efficiency while filming.

2 perforation is the ideal candidate for Digital Intermediate, the negative can be scanned and all post-production performed digitally. Images can then be recorded back onto a 4 perforation Intermediate Negative (IN) or Intermediate Positive (IP) to create a 4 perforation release print.

Achieve costs savings and retain image quality with 2 perforation – the economical route for 35mm film production.

2 PERFORATION POST-PRODUCTION WORKFLOW





5 Perforation

65mm

ARRIFLEX 765

4 Perforation

35mm

ARRICAM Studio
ARRICAM Lite
ARRIFLEX 535B
ARRIFLEX 435
ARRIFLEX 235

3 Perforation

35mm

ARRICAM Studio
ARRICAM Lite
ARRIFLEX 535B
ARRIFLEX 435
ARRIFLEX 235

2 Perforation

35mm

ARRICAM Studio
ARRICAM Lite
ARRIFLEX 235

1 Perforation

16mm

ARRIFLEX 416
ARRIFLEX 416 Plus
ARRIFLEX1 6SR.3 Advanced
ARRIFLEX1 6SR.3 Advanced Highspeed

WHEN IT COUNTS...

The 2 perforation format, with a widescreen look made famous by the likes of Sergio Leone, disappeared at the end of the seventies. Until now.

Today's modern super fine grained film stocks and ultra sharp lenses combine to achieve a 2 perforation image of superb quality, and as a result the ARRI Rental Group is introducing a new 2 perforation movement.

Ideal for cost-conscious filmmakers looking to compose a widescreen image, the format achieves a natural CinemaScope aspect ratio of 2.39:1 on standard 35mm film stock. The quantity of film used is reduced because it is advanced by 2 perforations instead of 4 perforations. This translates to less stock and, consequently, a reduction in processing costs.

Achieve cost savings and retain the quality of 35mm with 2 perforation.

2 Perforation Uses 53% Less Film Stock*

| | Running Time of 400ft Magazine | Running Time of 1000ft Magazine |
|---------------|-----------------------------------|------------------------------------|
| 2 Perforation | 8 min 34 sec | 21 min 26 sec |
| 4 Perforation | 4 min 17 sec | 10 min 43 sec |

*To capture 10 hours of images: 2 perforation needs 72 x 400ft rolls, 4 perforation needs 154 x 400ft rolls.
(Saving calculation based on 50ft waste with 4 perforation and 25ft waste with 2 perforation)

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Production