How to read a Kodak film can label

**Film Speed**

- Tungsten rating with no filter will give indicated speed rating
- Daylight rating with an 85 filter will give indicated speed rating

**Film provided with KEYKODE Numbered edge print**

- Upper portion of label is peelable; it can be placed on film magazine as reminder of product being used

**Film Speed**

- Process ECN-2
- 5219 221 011.02 03.11
- Filter No. 85  EI 320/26

**Catalog Number**

- 5219 = Film code
- 221 = Emulsion number
- 011 = Roll number
- 02 = Part number
- 03 = Strip number
- 11 = Unit number

**UCC/EAN 128 Codes**

**Finished film specification**

- 35 mm
- 65 mm
- 16 mm

**FILM SIZES**

- 35 mm
- 65 mm
- 16 mm

35 = Film width (35mm)
N = Perforation type (Negative)
4740 = Metric pitch measurement (4.740 mm)
(1866) = Imperial pitch measurement (0.1866 inch)
EI = Emulsion position and winding type (Emulsion In)
PERFORATIONS

Bell & Howell – “Negative” perforation used on most camera negative films. Evolved from early round perforations.

Kodak Standard – “Positive” perforation. Large size, rounded corners are used for extra strength. Used primarily for release prints.

16 mm perforations – are the same size and shape for all film types.

PERFORATION TYPE

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Bell &amp; Howell (N)</th>
<th>Kodak Standard (N)</th>
<th>16 Millimeter (N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>0.110</td>
<td>0.110</td>
<td>0.072</td>
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<tr>
<td>D</td>
<td>0.073</td>
<td>0.078</td>
<td>0.050</td>
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<tr>
<td>G</td>
<td>0.001</td>
<td>0.001</td>
<td>0.001</td>
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<tr>
<td>H</td>
<td>0.082</td>
<td>0.03</td>
<td>0.250</td>
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<td>R</td>
<td>0.020</td>
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<tr>
<td></td>
<td>2.08</td>
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</tbody>
</table>

SPOOLS

R-90—16 mm
3.615-in. (92 mm) OD metal camera spool. Square hole with single keyway in both flanges. Center hole aligned on both flanges. For 100-ft. (30 m) 16 mm film loads.

S-83—35 mm
3.62-in. (93 mm) OD metal camera spool. Square hole with single keyway in both flanges. Center hole aligned on both flanges. For 100- and 150-ft. (30 m and 46 m) film loads.

CORES

Type P Core—65 mm
3-in. (76 mm) OD plastic core. Used for various film lengths and codes.

Type Y and EE Cores—35 mm
3-in. (76 mm) OD plastic core. Used for various film lengths and codes.

Type U Core—35 mm
2-in. (51 mm) OD plastic core. Used with various film lengths and codes.

Type T Core—16 mm
2-in. (51 mm) OD, 1-in. (25.4 mm) ID plastic core. Used with most 16 mm.

Type Z Core—16 mm
3-in. (76 mm) OD plastic core. Used with camera and print films in rolls longer than 400 ft. (122 m)

WINDINGS

16 mm Winding A
Emulsion side in. Used for contact printing, in some sound recorders and A-MINIMA cameras.

16 mm Winding B
Emulsion side in. Used for camera film, Super 16 camera film, optical prints, and on bidirectional printers.

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“G” – is a measure of how straight the perforations are in line with each other.