

# KODAK RELIABLE IMAGE TIP # 42

## KODAK TEST TARGET ELEMENTS

**CONTROL TEST TARGET**  
for Kodak Quality Monitoring

**Resolution test targets**

**Density gray scale graduation**

**Transport circle test targets**

**Image reduction test tool**

**Line density comparison target**

**Type-face test**

Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz  
Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww

Note: This target is intended for routine quality control checking and uniformity.  
It is not to be used for certification of meeting any ANSI or ISO Standards for image quality requirements.  
Note: To record background density, use a blank sheet of white paper.

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# DESCRIPTION OF TEST TARGET ELEMENTS

***NOTE: This test target is designed to be used for evaluation of photographic quality only. This target should not be used to evaluate digital film writing devices or image retrieval systems.***

## RESOLUTION TEST TARGETS

Using a 100X combination microscope, resolve the smallest block and discern separation in all five vertical and horizontal lines.

## DENSITY GRAY SCALE GRADUATION

To properly check camera illumination and process control, all 9 steps must be visible.

## TRANSPORT CIRCLE TEST TARGETS

Circle will elongate or darken if there is slippage or movement of film or paper in a rotary camera. Check for slippage or movement of master or duplicating film in a duplicator. To evaluate, use a minimum 7X eye loupe or reader magnification device.

## IMAGE REDUCTION TEST TOOL

To ensure a one-to-one replication of magnification, measure line and calculate replicated length. Example: the 6 inch line filmed at 24X reduction should replicate at 0.25 inches.  $6'' \text{ divided by } 24X = .025/\frac{1}{4} \text{ inch}$

## LINE DENSITY COMPARISON TARGET

This target is used to measure the line density of characters (.60 minimum on negative image) or Density Minimum (D-Min of .04 on negative image). This target works in conjunction with the TYPE FACE TEST TARGET.

## TYPE FACE TEST TARGET

This is a subjective evaluation of character quality.