

## **Imageable Files of IT8.7/3 Default Layouts ReadMe File**

This ReadMe file accompanies and provides information in support of the following files:

- IT87-3-VISUAL.eps
- IT87-3-VISUAL.pdf
- IT87-3-RANDOM.eps
- IT87-3-RANDOM.pdf
- IT87-3-DEFAULT.csv

The eps and pdf, files are imageable files of the default visual and random layouts of the IT8.7/3 data set described in ANSI/IT8.7/3-2005. The IT87-3-DEFAULT.csv file provides the row/column positions for both the visual and random layouts,.

### **Background Information**

The ANSI/IT8.7/3-2005 standard does not require that any particular arrangement be used for printing the data set. However, it was felt by the CGATS committee that default layouts were desirable to facilitate use of the target in many applications. Accordingly, two default layouts are defined for the convenience of users..

One is for "visual" use where the appearance of the target is the layout that was shown as an illustration in the initial ANSI/IT8.7/3-1993 version of the standard.

In the second layout, the patches were randomized to minimize the influence of the target arrangement itself on the final results. The layout of this target was designed to form a rectangle that was equal to the maximum dimensions of the visual layout. (The visual layout was not a contiguous area of patches but was based on groupings or related patches.) However, to facilitate the use of patches within the target for process control verification, a series of patches was arranged across the center of the target in both a horizontal and vertical direction to provide easy access to process control. These are fully described in Annex A of the standard.

### **Permissions**

These image files and the associated data file IT87-3-DEFAULT.csv may be used and distributed without restriction as long as the ANSI/IT8.7/3-2005 standard is clearly identified as the source of these images and files.

Although the image files may be freely distributed within the conditions defined, the relationship between Patch ID and CMYK ink values is a normative part of the ANSI/IT8.7/4-2005 standard and covered by copyright restrictions. These data may be included as part of measurement and characterization data reports, however these data may not be included in commercial products, or items that are sold, without appropriate license from NPES, the secretariat to CGATS. The relationship between Patch ID and

CMYK ink values alone may not be published in any form, either hardcopy or electronic, without an appropriate license from NPES.

### **Image File Description**

The files provided have a nominal patch dimension of 6 mm by 6 mm. Row column numbers are also included to facilitate patch identification. This results in an image area that will easily fit on an 8.5 x 11 inch sheet. Users are reminded that the physical size of these images may be scaled as necessary based on the printing area available and the reading requirements of the measurement system to be used for evaluation.

### **More Information**

Users of these files are urged to purchase a copy of ANSI/IT8.7/3. An order form is available at <http://www.npes.org/standards/orderform.html>.