
Graphic technology — Vocabulary —
Part 3:
Printing terms

Technologie graphique — Vocabulaire —
Partie 3: Termes d'impression



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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 12637-3 was prepared by Technical Committee ISO/TC 130, *Graphic technology*.

This first edition cancels and replaces ISO 12637-5:2001, of which the terms and definitions have been incorporated.

ISO 12637 consists of the following parts, under the general title *Graphic technology — Vocabulary*:

- *Part 1: Fundamental terms*
- *Part 2: Prepress terms*
- *Part 3: Printing terms*
- *Part 4: Postpress terms*

Introduction

Documentation gives rise to numerous international exchanges of both intellectual and material nature. These exchanges often become difficult, either because of the great variety of terms used in various fields or languages to express the same concept, or because of the absence or the imprecision of useful concepts. To avoid misunderstandings due to this situation and to facilitate such exchanges, it is advisable to select terms to be used in various languages or in various countries to express the same concept and to establish definitions providing satisfactory equivalents for the various terms in different languages. The purpose of this part of ISO 12637 is to provide definitions that are rigorous, uncomplicated and which can be understood by all concerned.

This part of ISO 12637 contains terms and definitions of printing technology and addresses printing systems and processes.

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Graphic technology — Vocabulary —

Part 3: Printing terms

Scope

This part of ISO 12637 defines terms for printing systems and processes.

Terms and definitions

1

analogue copying machine

image-producing device that operates by transferring the original image via a lens onto a photosensitive substrate and creates a visual image by utilizing electrophotographic or other means

2

anilox cell

engraved, etched, ablated or otherwise created recession in the anilox roller to contain the ink to be transferred to the printing forme

3

anilox roller

cylinder with evenly distributed cells generally mounted on a flexographic printing press to transfer a controlled quantity of ink to the printing forme

4

anti-setoff powder

anti-setoff spray powder
particles sprayed onto a printed surface to prevent ink set-off

5

aperture size

aperture width
<screen printing> distance between two adjacent warps or weft wires (strands, threads) measured in the projected fabric level

6

back printing

reverse printing
printing on the underside of a transparent film so that a readable image is visible on the top side