
**Photography and imaging — Inkjet
media: Classification, nomenclature and
dimensions —**

**Part 1:
Photo-grade media (paper and film)**

*Photographie et image — Milieux encreurs: Classification,
nomenclature et dimensions —*

Partie 1: Milieux de qualité photographique (papier et film)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 18055-1 was prepared by Technical Committee ISO/TC 42, *Photography*.

ISO 18055 consists of the following parts, under the general title *Photography and imaging — Inkjet media: Classification, nomenclature and dimensions*:

— *Part 1: Photo-grade media (paper and film)*

Non-photo-grade media (paper, film and other bases) will be the subject of a future Part 2.

Introduction

Within the rapidly developing field of inkjet media, there is a need to establish clear and unambiguous classifications with regard to descriptions of product types, formats/sizes, thicknesses/grammages and general nomenclature. It is important that all participants in the inkjet market, i.e. producers, processing industries, trade and end-users, achieve an agreed, consistent understanding of all these elements of the market.

It is the aim of this part of ISO 18055 to establish such an understanding, in respect of photo-grade media.

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Photography and imaging — Inkjet media: Classification, nomenclature and dimensions —

Part 1: Photo-grade media (paper and film)

1 Scope

This part of ISO 18055 establishes a classification of photo-grade inkjet papers and films with regard to nomenclature, formats and thickness/grammage.

It does not include non-photo-grade media, non-paper/film media, or media intended solely for laser printing.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1:2002, *Geometrical Product Specification (GPS) — Standard reference temperature for geometrical product specification and verification*

ISO 216:1975, *Writing paper and certain classes of printed matter — Trimmed sizes — A and B series*

ISO 554:1976, *Standard atmospheres for conditioning and/or testing — Specifications*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

inkjet printing

process of building up an image on a receiving layer by non-contact application of droplets of ink, usually microscopic

3.2

inkjet medium

liquid-permeable or -impermeable base (paper or film), the surface of which is rendered capable of receiving and retaining an inkjet image, either by chemical treatment or by means of a suitable receiver layer

NOTE *Inkjet media* is the plural form of this term.

3.3

preferred size

industry standard size, as determined by most frequent user demand (number of units) and product volume (square metres)

NOTE Designers of new equipment are encouraged to use preferred sizes whenever possible.