

ANSI/NAPM IT9.13-1996

American National Standard

*for Imaging Materials –
Glossary of Terms
Pertaining to Stability*



American National Standards Institute

11 West 42nd Street
New York, New York
10036

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Revision of
ANSI/NAPM IT9.13-1992

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Secretariat

National Association of Photographic Manufacturers, Inc.

Approved August 14, 1996

American National Standards Institute, Inc.

American National Standard

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Foreword (This foreword is not part of American National Standard ANSI/NAPM IT9.13-1996.)

This standard lists definitions on the permanence of imaging materials used in American National Standards on material specifications and storage practices. Of particular importance is the definition for *archival*. The term, *archival*, has been interpreted to have many meanings, ranging from "the preservation of information forever" to "temporary storage of actively used information." It is, therefore, recommended that the term *archival* not be used in standards for stability of recording materials and systems.

This standard is a revision of the 1992 document. In addition to improvements in the definitions for photographic materials, terms have been added for magnetic and optical materials.

Suggestions for the improvement of this standard will be welcome. They should be sent to the National Association of Photographic Manufacturers, Inc., 550 Mamaroneck Avenue, Suite 307, Harrison, NY 10528-1612.

This standard was processed and approved for submittal to ANSI by NAPM Technical Committee IT9 on the Physical Properties and Permanence of Imaging Materials. Committee approval of this standard does not necessarily imply that all members voted for its approval. At the time it approved this standard, the NAPM/IT9 Technical Committee had the following members:

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American National Standard for Imaging Materials –

Glossary of Terms Pertaining to Stability

1 Scope

This standard lists a glossary of terms and definitions pertaining to the stability of imaging materials.

These definitions are generic and apply to the entire imaging industry. For definitions specific to particular applications, refer to industry standards.

2 Definitions

2.1 aperture: The opening in the flange that is used to facilitate threading of magnetic tape on the hub and inspection of the wind (also referred to as *window*).

2.2 aperture card: A card of standard dimensions with one or more openings into which a microfilm frame, or frames, can be mounted or inserted.

2.3 archival medium: A recording material that can be expected to retain information forever, so that such information can be retrieved without significant loss when properly stored. However, there is no such material and it is not a term to be used in American National Standard material or system specifications.

2.4 base: The support in a recording material on which the magnetic layer (and, if necessary, the back layer) is coated.

2.4.1 cellulose-acetate base: A base for recording materials composed mainly of cellulose-esters of acetic acid.

2.4.2 cellulose-ester base: A base for recording materials composed mainly of cellulose-esters of acetic, propionic, or butyric acid, or mixtures thereof.

2.4.3 polyester base: A base for recording materials composed mainly of a polymer of ethylene glycol and terephthalic acid (also referred to as polyethylene terephthalate), or a polymer of ethylene glycol and 2,6 naphthalene dicarboxylic acid (also referred to as polyethylene naphthalate).

2.4.4 poly(ethylene terephthalate) base: A polyester base for recording materials composed mainly of a polymer of ethylene glycol and terephthalic acid.

2.5 brittleness: The property of a material that causes it to crack or break when bent or flexed.

2.6 can: A metal or plastic container for a roll of recording material, such as photographic film or magnetic tape.

2.7 carton or box: An outer container that can hold one or more individual units.

2.8 cartridge: A housing for a roll of recording material, such as photographic film or magnetic tape, attached to a single hub or reel. See also *cassette*.

2.9 cassette: A housing for a roll of recording material, such as photographic film or magnetic tape, whose ends are attached to two hubs or reels.