



*NSF International Standard /
American National Standard*

NSF/ANSI 21 - 2012

Thermoplastic Refuse Containers



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NSF International Standard/
American National Standard
for Food Equipment –

Thermoplastic refuse containers

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Foreword²

The purpose of this Standard is to establish minimum sanitation requirements for the materials, design and construction of thermoplastic refuse containers.

Issue 5

This revision updated the Normative References and boilerplate language in: 1.4 Measurement.

This Standard was developed by the NSF Joint Committee on Food Equipment using the consensus process described by ANSI.

Suggestions for improvement of this Standard are welcome. Comments should be sent to Chair, Joint Committee on Food Equipment at standards@nsf.org, or c/o NSF International, Standards Department, P.O. Box 130140, Ann Arbor, Michigan 48113-0140, USA.

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NSF/ANSI Standard for Food Equipment –

Thermoplastic refuse containers

1 General

1.1 Purpose

The purpose of this Standard is to establish minimum sanitation requirements for the materials, design, and construction of thermoplastic refuse containers.

1.2 Scope

This Standard contains sanitation requirements for new thermoplastic refuse containers intended for the indoor and outdoor storage of refuse.

Thermoplastic refuse container materials and components covered under other NSF or NSF/ANSI Standards or Criteria shall also comply with the requirements therein. This Standard is not intended to restrict new unit design, provided that such design meets the minimum specifications described herein.

1.3 Alternate materials, design, and construction

While specific materials, design, and construction may be stipulated in this Standard, thermoplastic refuse containers that incorporate alternate materials, design, or construction may be acceptable when such containers meet the intent of the applicable requirements contained herein.

1.4 Measurement

Decimal and SI conversions provided parenthetically shall be considered equivalent. Metric conversions and significant figure rounding have been made according to IEEE/ASTM SI 10.

2 Normative references

The following documents contain provisions that, through reference in this text, constitute provisions of this NSF Standard. At the time this Standard was balloted, the editions indicated below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

ASTM D570-98(2010)e1 *Standard Test Method for Water Absorption of Plastics*³

IEEE/ASTM SI 10 – 2010. *American National Standard for Metric Practice*³

NSF/ANSI 170. *Glossary of food equipment terminology*

³ ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 <www.astm.org>.