



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 13590:2003

ICS 55.080

**PACKAGING - FLEXIBLE CARRIER BAGS FOR
THE TRANSPORT OF VARIOUS
RETAIL GOODS - GENERAL
CHARACTERISTICS AND TEST METHODS
FOR THE
DETERMINATION OF VOLUME AND
CARRYING CAPACITY**

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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
July 14, 2003*

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13590

March 2003

ICS 55.080

English version

**Packaging - Flexible carrier bags for the transport of various
retail goods - General characteristics and test methods for the
determination of volume and carrying capacity**

Emballage - Sacs en matériau souple pour le transport de
marchandises de détail variées - Caractéristiques
générales et méthodes d'essai pour la détermination du
volume et de la capacité de transport

Verpackung - Tragetaschen für den Transport
verschiedener Einzelhandelsgüter - Allgemeine
Eigenschaften und Prüfverfahren für die Bestimmung des
Volumens und der Tragekapazität

This European Standard was approved by CEN on 6 December 2002.

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Foreword

This document (EN 13590:2003) has been prepared by Technical Committee CEN/TC 261 "Packaging", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2003, and conflicting national standards shall be withdrawn at the latest by September 2003.

Annex A is normative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

EN 13590:2003 (E)

Introduction

Efficient packaging is of great importance for the distribution and the protection of goods. Insufficient or inappropriate packaging can lead to damage or wastage of the contents of the pack.

1 Scope

This European Standard specifies general characteristics and test methods for determination of volume and carrying capacity of flexible carrier bags with handles for transport of various unspecified retail goods.

For specific retail goods there should be an agreement between supplier and buyer about the application of this standard.

This standard is applicable to carrier bags made of paper, thermoplastic material and or any other flexible material.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN ISO 2233, *Packaging - Complete, filled transport packages and unit loads - Conditioning for testing (ISO 2233:2000)*.

EN ISO 8367-1, *Packaging - Dimensional tolerances for general purpose sacks - Part 1: Paper sacks (ISO 8367-1:1993)*.

EN ISO 8367-2, *Packaging - Dimensional tolerances for general purpose sacks - Part 2: Sacks made from thermoplastic flexible film (ISO 8367-2:1993)*.

3 Terms and definitions

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

3.1

gusset

fold inserted in the longitudinal edge of a tube or bag

3.2

base gusset

fold inserted in the bottom of the bag

3.3

tube

one or more plies in the form of a flattened cylinder cut into prescribed lengths

3.4

ply

film or sheet of flexible material, or combination of such materials, forming the walls of a bag

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