



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 24003 : 1994

ICS 77.160

National Standards
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**PERMEABLE SINTERED METAL MATERIALS
– DETERMINATION OF BUBBLE TEST PORE
SIZE (ISO 4003:1977)**

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on.
March 25, 1994*

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Údarás um Chaighdeáin Náisiúnta na hÉireann



DECLARATION

OF

SPECIFICATION

ENTITLED

PERMEABLE SINTERED METAL MATERIALS – DETERMINATION OF BUBBLE TEST

PORE SIZE (ISO 4003:1977)

AS

THE IRISH STANDARD SPECIFICATION FOR

PERMEABLE SINTERED METAL MATERIALS – DETERMINATION OF BUBBLE TEST

PORE SIZE (ISO 4003:1977)

Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Permeable Sintered Metal Materials – Determination of Bubble Test Pore Size (ISO 4003:1977)) Declaration, 1994.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Permeable Sintered Metal Materials – Determination of Bubble Test Pore Size (ISO 4003:1977). The Schedule comprises the text of EN 24003 : 1993.

(2) The said standard specification may be cited as Irish Standard/EN 24003:1994 or as I.S./EN 24003:1994.

EUROPEAN STANDARD

EN 24003:1993

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1993

UDC 6621.762.5:669-492.2:620.1:539.217

Descriptors: Powder metallurgy, sintered products, porous metal, porosity, physical tests, bubble tests, pores, dimensional measurements

English version

**Permeable sintered metal materials -
Determination of bubble test pore size
(ISO 4003:1977)**

Matériaux en métal fritté perméable -
Détermination de la dimension des pores -
Méthode bulloscopique (ISO 4003:1977)

Durchlässige Sintermetalle - Ermittlung der
Porengröße mittels Gasblasentest
(ISO 4003:1977)

This European Standard was approved by CEN on 1993-04-02. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

In 1992 ISO 4003:1977 "Permeable sintered metal materials - Determination of bubble test pore size" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal ISO 4003:1977 was submitted to the CEN Formal Vote. The result of the Formal Vote was positive.

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 October 1993, and conflicting national standards shall be withdrawn at the latest by October 1993.

According to the Internal Regulations of CEN/CENELEC, the following countries are bound to implement this European Standard :

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of the International Standard ISO 4003:1977 was approved by CEN as a European Standard without any modification.

NOTE: The European references to international publications are given in annex ZA (normative).

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