



**NSAI**  
Standards

Irish Standard  
I.S. EN 16712-2:2015

Portable equipment for projecting  
extinguishing agents supplied by fire fighting  
pumps - Portable foam equipment - Part 2:  
Pick-up tubes

**I.S. EN 16712-2:2015**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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## National Foreword

I.S. EN 16712-2:2015 is the adopted Irish version of the European Document EN 16712-2:2015, Portable equipment for projecting extinguishing agents supplied by fire fighting pumps - Portable foam equipment - Part 2: Pick-up tubes

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

**Compliance with this document does not of itself confer immunity from legal obligations.**

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EUROPEAN STANDARD

EN 16712-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2015

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ICS 13.220.10

English Version

Portable equipment for projecting extinguishing agents  
supplied by fire fighting pumps - Portable foam equipment  
- Part 2: Pick-up tubes

Équipement portable de projection d'agents  
d'extinction alimenté par des pompes à usage incendie  
- Equipements mousse portables - Partie 2 : Flexibles  
d'aspiration

Tragbare Geräte zum Ausbringen von Löschmitteln, die  
mit Feuerlöschpumpen gefördert werden - Tragbare  
Schaumgeräte - Teil 2: Ansaugschlauch

This European Standard was approved by CEN on 1 August 2015.

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 CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN 16712-2:2015) has been prepared by Technical Committee CEN/TC 192 “Fire and Rescue Service Equipment”, the secretariat of which is held by BSI.

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 March 2016, and conflicting national standards shall be withdrawn at the latest by March 2016.

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

EN 16712 consists of the following parts, under the general title “*Portable equipment for projecting extinguishing agents supplied by fire fighting pumps — Portable foam equipment*”:

- Part 1: Inductors PN 16;
- Part 2: Pick-up tubes;
- Part 3: Low and medium expansion hand-held foam branchpipes PN 16;
- Part 4: High expansion foam generators PN 16.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## EN 16712-2:2015 (E)

### 1 Scope

**1.1** This European Standard specifies performance requirements and test methods for pick-up tubes.

This European Standard applies to pick-up tubes from DN 20 to DN 50 which are used for the suction of foam concentrate or additives and defines their requirements and test procedures.

Pick-up tubes are especially used with inductors in accordance with EN 16712-1.

NOTE Pick-up tubes can also be used for the suction of other substances (e.g. absorbents).

**1.2** This European Standard is not applicable to pick-up tubes which have been manufactured before its date of publication as European Standard.

### 2 Terms and definitions

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

**2.1**  
**pick-up tube**  
device through which foam concentrate, additives or other substances are transferred from a reservoir to an inductor or other proportioning device

### 3 Designation

The designation of pick-up tubes in compliance with EN 16712-2 comprises

- name of the equipment,
- reference to EN 16712-2,
- nominal diameter,
- total length.

EXAMPLE A pick-up tube with a nominal diameter of 38 mm and a total length of 1 500 mm is designated as follows:

Pick-up tube EN 16712-2 — DN 38 – 1 500

### 4 Requirements

#### 4.1 Components, dimensions and mass

The pick-up tube consists of a semi-rigid transparent tube connectable at one end to the foam concentrate inlet of an inductor or proportioning device (see Figure 1). At the other end, it should remain free or be equipped with

- a riser metallic or plastic pipe, or
- a strainer, with or without foot valve, or



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