

Institut luxembourgeois de la normalisation de l'accréditation, de la sécurité et qualité des produits et services

**ILNAS-EN 13726-1:2002** 

# Test methods for primary wound dressings - Part 1: Aspects of absorbency

Prüfverfahren für primäre Verbandstoffe (Wundauflagen) - Teil 1: Aspekte des Saugverhaltens (Absorption)

Méthodes d'essai pour pansements primaires - Partie 1: Absorption

#### **National Foreword**

This European Standard EN 13726-1:2002 was adopted as Luxembourgish Standard ILNAS-EN 13726-1:2002.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html

### THIS PUBLICATION IS COPYRIGHT PROTECTED

Nothing from this publication may be reproduced or utilized in any form or by any mean - electronic, mechanical, photocopying or any other data carries without prior permission!

### EUROPEAN STANDARD ILNAS-EN 13726-1:2002 EN 13726-1

### NORME EUROPÉENNE

**EUROPÄISCHE NORM** 

March 2002

ICS 11.120.20

#### English version

## Test methods for primary wound dressings - Part 1: Aspects of absorbency

Méthodes d'essai pour les pansements primaires en contact avec la plaie - Partie 1: Absorption

Prüfverfahren für primäre Verbandstoffe (Wundauflagen) -Teil 1: Aspekte des Saugverhaltens (Absorption)

This European Standard was approved by CEN on 25 February 2002.

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 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 Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

### **Contents**

		page
Foreword		3
Intro	duction	4
1	Scope	5
2	Terms and definitions	5
3	Test methods for absorbency	5
3.1	Test conditions	5
3.2	Free swell absorptive capacity	5
3.3	Fluid handling capacity (absorbency plus moisture vapour transmission rate, liquid in contact)	7
3.4	Fluid affinity of amorphous hydrogel dressings	8
3.5	Gelling characteristics	11
3.6	Dispersion characteristics	12
3.7	Dispersion/solubility of hydrogel dressings	13

#### **Foreword**

This document EN 13726-1:2002 has been prepared by Technical Committee CEN/TC 205 "Non-active medical devices", 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 September 2002, and conflicting national standards shall be withdrawn at the latest by September 2002.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

EN 13726 will consist of the following parts under the general title Test methods for primary wound dressings:

- Part 1: Aspects of absorbency
- Part 2: Moisture vapour transmission rate of permeable film dressings
- Part 3: Waterproofness
- Part 4: Conformability
- Part 5 : Bacterial barrier properties
- Part 6 : Odour control

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, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.