



BSI Standards Publication

**Packaging — Flexible laminate  
and plastic tubes — Test  
method to determine the  
adhesive strength of the  
membrane**

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**National foreword**

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The UK participation in its preparation was entrusted to Technical Committee PKW/0/-/10, Packaging - Plastics.

A list of organizations represented on this committee can be obtained on request to its secretary.

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EUROPEAN STANDARD

**EN 16284**

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2013

ICS 55.120

English Version

## Packaging - Flexible laminate and plastic tubes - Test method to determine the adhesive strength of the membrane

Emballage - Tubes souples plastiques et tubes souples laminés - Méthode d'essai pour déterminer la force d'adhérence de la membrane

Packmittel - Laminat- und Kunststoffschläuche - Prüfverfahren zur Bestimmung der Haftkraft der Membran

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## Foreword

This document (EN 16284:2013) has been prepared by Technical Committee CEN/TC 261 "Packaging", the secretariat of which is held by AFNOR.

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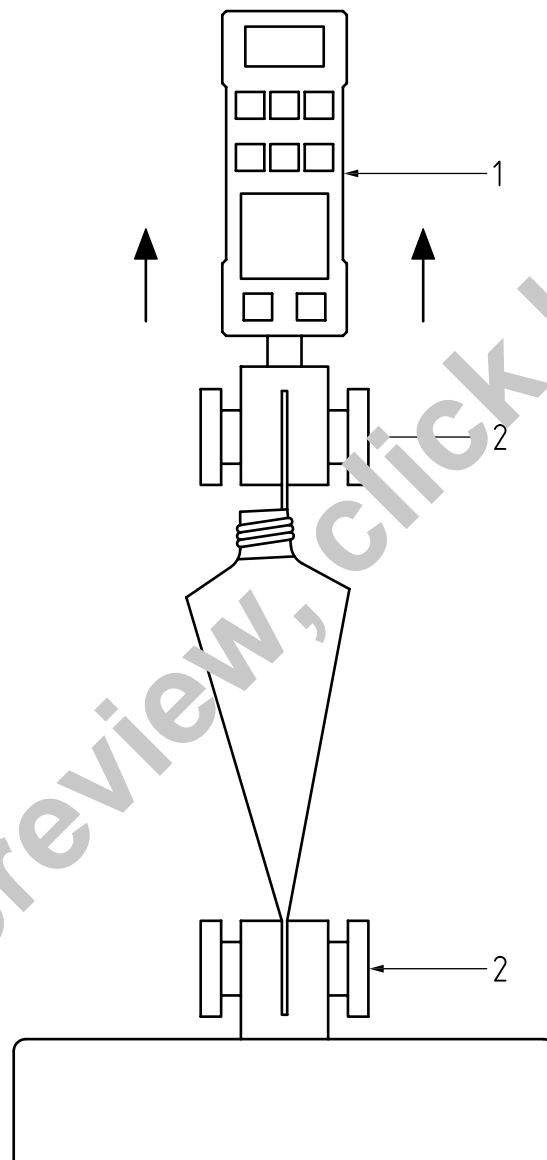
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## 1 Scope

This European Standard is applicable to plastic and laminate tubes which have a peel-off membrane for tamper-evidence purposes. This membrane is made of either aluminium or plastic. A test is performed to ensure that the consumer can remove the membrane without excessive force leading to a completely opened orifice.

## 2 Equipment

Dynamometer (see Figure 1)



Key  
1 dynamometer  
2 clamping device

Figure 1 — Dynamometer and clamping device