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Title: **Foam Wound Dressing Testing -Weight per Unit Area**

Date: **27 October 2006**

Other Keywords:

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Location  
**Princess of Wales**

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## CONTENTS

1. Name & Address of Client/Requesting Authority.....	1
2. Introduction .....	1
3. Test Product(s)/Sample(s).....	2
3.1 Departures/Abnormalities of Sample Condition.....	2
4. Date of Testing.....	2
5. Testing Details .....	2
5.1 Weight per unit area .....	2
5.2 List of SMTL Test Methods Used.....	2
5.3 Standards relevant to the test method.....	2
5.4 Deviations/exclusions from, and additions to standard methods.....	2
5.5 Sampling Details.....	2
5.6 Sample Preparation .....	2
6. Results.....	3
6.1 Weight per unit area.....	3

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RCS Version Info: \$Header: /projects/2283/Reports/report-2283-wpa.v 1.2 2007/01/24 11:25:24 gavin Exp \$

LIST OF TABLES

TABLE 1. Test Product(s)/Sample(s) tested by SMTL .....	2
TABLE 2. Weight per unit area .....	3

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**S . M . T . L .**

subject: **Foam Wound Dressing Testing -Weight per Unit Area**

date: **27 October 2006**

from: **Paul Fram  
Princess of Wales  
Tel: +44-1656-752820**

**Report No: 06/2283/2**

*Test Report*

06/2283/2

**1. Name & Address of Client/Requesting Authority.**

Ed Walton  
Smith & Nephew  
Healthcare Ltd.  
Healthcare House  
Goulton Street  
Hull, HU3 4DJ  
England, UK

Email:ed.walton@smith-nephew.com

**2. Introduction**

The SMTL were requested by the client to perform comparative testing on Smith & Nephew New Allewyn and Competitor A Foam Island Dressings.

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06/2283/2

Page 1 of 4 Dressing Testing -Weight per Unit Area

### 3. Test Product(s)/Sample(s)

**TABLE 1.** Test Product(s)/Sample(s) tested by SMTL.

Manufacturer	Item	Batch/Lot No	Quantity	Date Received
Smith & Nephew	New Allevyn Adhesive 10x10cm foam dressing	0637/ 66000599	55	04/10/2006
Competitor A	Product A 10x10cm foam island dressing	xxxxx/ xxxxxxxx	50	04/10/2006
Competitor A	Product A 10x10cm foam island dressing	xxxxx/ xxxxxxxx	5	04/10/2006

**NOTE:** The test results in this report relate only to the test sample(s) analysed.

#### 3.1 Departures/Abnormalities of Sample Condition

None

### 4. Date of Testing

October 2006

### 5. Testing Details

#### 5.1 Weight per unit area

The weight per unit area of the dressings is determined using SMTL test method TM-195<sup>(1)</sup>

The length, width and weight of ten intact samples is determined and the individual and mean weight per unit area of the samples is calculated.

#### 5.2 List of SMTL Test Methods Used.

— TM-195 - Weight per unit area of alginate fibre dressings

#### 5.3 Standards relevant to the test method.

— Test is based on British Pharmacopoeia 1993 (Addendum 1995), Alginate Dressing.

#### 5.4 Deviations/exclusions from, and additions to standard methods.

None

#### 5.5 Sampling Details

All samples were selected and supplied by the client.

#### 5.6 Sample Preparation

As stated in the SMTL test method.

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## 6. Results

### 6.1 Weight per unit area

The results of the determination of the weight per unit area are summarised in Table 2 below.

**TABLE 2.** Weight per unit area

Dressing	Weight per unit area (g/m <sup>2</sup> )
Allevyn Adhesive	375.12 (6.181)
Product A	209.09 (2.371)

**Note:**

Each result is the mean of 10 determinations  
Figures in brackets denote standard deviations



Authorised by: Peter Phillips  
Acting Director, SMTL  
January 2007

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*References*

1. Surgical Materials Testing Lab., "Weight per unit area of alginate fibre dressings," TM-195 Q.

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