

Australian Standard<sup>®</sup>

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**Textiles for health care facilities  
and institutions**

**Part 2: Theatre linen and pre-packs**

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This Australian Standard was prepared by Committee TX/15, Hospital Textiles and Textile Products. It was approved on behalf of the Council of Standards Australia on 24 August 1990 and published on 15 April 1991.

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The following interests are represented on Committee TX/15:

Australian Chamber of Commerce  
Australian Confederation of Apparel Manufacturers  
Australian Hospital Association  
Australian Nursing Federation  
Australian Wool Corporation  
AWTA Textile Testing  
Confederation of Australian Industry  
Department of Corrective Services, N.S.W.  
Department of Defence  
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Government Supply Department, N.S.W.  
Health Department, W.A.  
Hospital Laundry Managers Association of Australia  
South Australian Health Commission  
Textile Clothing and Footwear Council of Australia  
Textile Rental and Laundry Association  
The Australian Chamber of Commerce  
Towel Manufacturers Association of Australia

Additional interests participating in preparation of Standard:

Australian Confederation of Operating Room Nurses (representatives from N.S.W., Vic, S.A., and W.A.)

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# Australian Standard<sup>®</sup>

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## Textiles for health care facilities and institutions

### Part 2: Theatre linen and pre-packs

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## PREFACE

This Standard was prepared by the Standards Australia Committee on Hospital Textiles and Textile Products as a result of requests from the health and laundry sectors of the community for a safe standard of quality and to facilitate standardization of these items across Australia. Agreement has been reached as to the best materials, shapes, sizes and colour of the drapes, and the composition and layout of theatre pre-packs.

In order to minimize the risks of cross-infection, emphasis has been placed on linen quality and the criteria for inspection and acceptability of defects.

This Standard is the second part of a series of Standards for health care facilities and institutions. The other parts in this series are as follows:

- Part 1: *Textiles for health care facilities and institutions—General ward linen* (published as AS 3789.1—1991)
- Part 3: *Textiles for health care facilities and institutions—Apparel for operating theatre staff* (in course of preparation).
- Part 4: *Textiles for health care facilities and institutions —General ward apparel* (in course of preparation).

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## CONTENTS

|                                                                            | <i>Page</i> |
|----------------------------------------------------------------------------|-------------|
| FOREWORD .....                                                             | 5           |
| SECTION 1 SCOPE AND GENERAL                                                |             |
| 1.1 SCOPE .....                                                            | 6           |
| 1.2 REFERENCED DOCUMENTS .....                                             | 6           |
| 1.3 DEFINITIONS .....                                                      | 6           |
| 1.4 FABRIC DESIGNATION .....                                               | 6           |
| 1.5 WASHING .....                                                          | 6           |
| 1.6 MARKING .....                                                          | 6           |
| 1.7 MANUFACTURING CONSIDERATIONS .....                                     | 6           |
| SECTION 2 PRODUCT CHARACTERISTICS AND REQUIREMENTS FOR THEATRE LINEN       |             |
| 2.1 GENERAL .....                                                          | 7           |
| 2.2 DRAPES .....                                                           | 7           |
| 2.3 FENESTRATED DRAPES .....                                               | 7           |
| 2.4 GOWNS-BARRIER .....                                                    | 9           |
| 2.5 LEGGINGS/MAYO TABLE COVERS .....                                       | 12          |
| 2.6 HAND TOWELS .....                                                      | 12          |
| 2.7 WRAPPERS .....                                                         | 13          |
| SECTION 3 REQUIREMENTS FOR THE INSPECTION AND REPAIR OF USED THEATRE LINEN |             |
| 3.1 LIFE SPAN .....                                                        | 14          |
| 3.2 INSPECTION .....                                                       | 14          |
| 3.3 DEFECTS .....                                                          | 14          |
| 3.4 LINEN INSPECTION TABLES .....                                          | 14          |
| 3.5 LINEN REPAIR .....                                                     | 14          |
| SECTION 4 THEATRE LINEN PRE-PACKS                                          |             |
| 4.1 GENERAL .....                                                          | 16          |
| 4.2 CONTENTS OF GENERAL-USE THEATRE PRE-PACKS .....                        | 16          |
| 4.3 CONTENTS AND CONSTRUCTION OF THEATRE FEEDER PRE-PACKS ...              | 17          |
| SECTION 5 CONSTRUCTION OF GENERAL-USE THEATRE PRE-PACKS                    |             |
| 5.1 TP1 MAJOR PRE-PACK .....                                               | 18          |
| 5.2 TP2 MINOR PRE-PACK .....                                               | 22          |
| 5.3 TP3 CARDIO-THORACIC PRE-PACK .....                                     | 24          |
| 5.4 TP4 EYE AND EAR PRE-PACK .....                                         | 27          |
| 5.5 TP5 GYNAECOLOGY/UROLOGY PRE-PACK .....                                 | 29          |
| 5.6 TP6 OBSTETRIC PRE-PACK .....                                           | 31          |
| 5.7 TP7 UROLOGY PRE-PACK .....                                             | 34          |
| 5.8 TP8 ONE MEDIUM GOWN PRE-PACK .....                                     | 36          |
| 5.9 TP9 ONE LARGE GOWN PRE-PACK .....                                      | 41          |
| 5.10 TP10 TWO GOWN PRE-PACK .....                                          | 42          |
| 5.11 TP11 THREE GOWN PRE-PACK .....                                        | 44          |
| 5.12 TP12 FOUR GOWN PRE-PACK .....                                         | 46          |
| SECTION 6 FOLDING PROCEDURES FOR THEATRE PRE-PACK CONTENTS                 |             |
| 6.1 FOLDING PROCEDURE FOR TD1 DRAPE-MINI .....                             | 48          |
| 6.2 FOLDING PROCEDURE FOR TD2 DRAPE-SMALL .....                            | 50          |
| 6.3 FOLDING PROCEDURE FOR TD3 DRAPE-MEDIUM .....                           | 52          |
| 6.4 FOLDING PROCEDURE FOR TD4 DRAPE-LARGE .....                            | 54          |
| 6.5 FOLDING PROCEDURE FOR TD5 DRAPE-EXTRA LARGE .....                      | 56          |
| 6.6 FOLDING PROCEDURE FOR TF1 DRAPE-EYE AND EAR .....                      | 58          |
| 6.7 FOLDING PROCEDURE FOR TF2 DRAPE-GYNAECOLOGICAL .....                   | 59          |

6.8 FOLDING PROCEDURE FOR TF3 DRAPE-SPLIT ..... 61

6.9 FOLDING PROCEDURE FOR TF4 DRAPE-UROLOGICAL ..... 63

6.10 FOLDING PROCEDURE FOR TG1 AND TG2 GOWN-BARRIER ..... 65

6.11 FOLDING PROCEDURE FOR TL1 LEGGINGS/ MAYO COVER ..... 69

6.12 FOLDING PROCEDURE FOR TT1 HAND TOWEL ..... 72

## FOREWORD

This Standard for theatre linen pre-packs encompasses the use of single thickness drapes in the operating room. This allows for savings in both the laundry processing area and the pre-pack preparation and sterilization process. When draping the patient, the linen is folded to provide a double layer at the operative site. Research has shown that single and double layers of linen behave similarly as bacterial barriers under dry and wet conditions and that an impermeable draping material should be used in conjunction with the linen drapes to give optimum protection. There is also provision for feeder packs of individual drapes for use as required.

STANDARDS AUSTRALIA

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**Australian Standard**

**Textiles for health care facilities and institutions**

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Part 2: Theatre linen and pre-packs

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SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE** This Standard specifies requirements for the following items of theatre linen for health care facilities and institutional uses: drapes, fenestrated drapes, theatre gowns, hand towels, leggings (mayo table covers), and wrappers. Requirements for the inspection and repair of used theatre linen and for the assembly of theatre linen pre-packs are also provided. This Standard applies to theatre linen for use in all areas of health care facilities and institutions where surgical procedures are performed.

**1.2 REFERENCED DOCUMENTS** The following documents are referred to in this Standard:

AS

1169 Minimizing of combustion hazards arising from the medical use of flammable anaesthetic agents

2700 Colour standards for general purposes

2892 Textiles for hospitals and institutions—Fabric specifications

**1.3 DEFINITIONS** For the purpose of this Standard, the definition given below applies.

**1.3.1 Hole**—a break in the yarn in either the warp or weft direction.

**1.4 FABRIC DESIGNATION** For the purpose of this Standard, fabrics are designated in accordance with AS 2892.

**1.5 WASHING** All items of linen shall be washed in accordance with accepted laundry practices before being put into service.

**1.6 MARKING** New theatre linen, supplied in compliance with Section 2 of this Standard, shall be clearly marked with the following information:

(a) Fabric identification code as provided in AS 2892.

NOTE: Manufacturers making a statement of compliance with this Australian Standard on a product, or on packaging or promotional material related to that product, are advised to ensure that such compliance is capable of being verified.

Independent certification is available from Standards Australia under the StandardsMark Product Certification Scheme. The StandardsMark, shown below, is a registered certification trade mark owned by Standards Australia and granted under licence to manufacturers whose products comply with the requirements of suitable Australian Standards and who operate sound quality assurance programs to ensure consistent product quality.

Further information on product certification and the suitability of this Standard for certification is available from Standards Australia's Quality Assurance Services, 1 The Crescent, Homebush, N.S.W., 2140.



**1.7 MANUFACTURING CONSIDERATIONS** The manufacturing tolerances shall be as follows:

- (a)  $\pm 3$  mm when measurement is  $< 30$  cm.
- (b)  $\pm 6$  mm when measurement is  $> 30$  cm and  $< 60$  cm.
- (c)  $\pm 12.5$  mm when measurement is  $> 60$  cm.

## SECTION 2 PRODUCT CHARACTERISTICS AND REQUIREMENTS FOR THEATRE LINEN

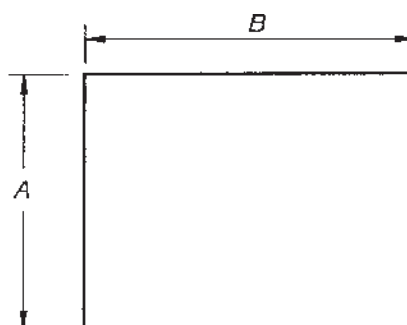
**2.1 GENERAL** The fabric specifications given in brackets in this Section refer to woven construction fabrics specified in AS 2892.

### 2.2 DRAPES

**2.2.1 Materials** The materials shall be as follows:

- (a) *Fabric*—dark green 100% cotton (C8) or polyester cotton 50/50 (Pe/C3).
- (b) *Sewing thread*—core spun, or spun, polyester with approximate linear density of 45 tex.

**2.2.2 Finished dimensions** The finished dimensions shall be as shown in Figure 2.1.



| Drape size  | Code No | A cm | B cm |
|-------------|---------|------|------|
| Mini        | TD1     | 57   | 57   |
| Small       | TD2     | 88   | 150  |
| Medium      | TD3     | 140  | 180  |
| Large       | TD4     | 180  | 180  |
| Extra large | TD5     | 180  | 230  |

FIGURE 2.1 DRAPES—DIMENSIONS

**2.2.3 Manufacture** The cut ends of the fabric shall be finished with a minimum hem 1.5 cm wide so that cut edges are not exposed. The sewing shall be of even tension; lockstitch only shall be used, and the number of stitches shall not be less than four per centimetre. The start and finish of the hems shall be backstitched.

### 2.3 FENESTRATED DRAPES

**2.3.1 Materials** The materials shall be as follows:

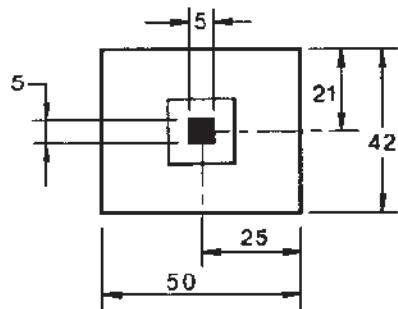
- (a) *Fabric*—dark green 100% cotton (C8) or polyester cotton 50/50 (Pe/C3).
- (b) *Sewing thread*—core spun, or spun, polyester with approximate linear density of 45 tex.

**2.3.2 Finished dimensions** The finished dimensions shall be as shown in Figures 2.2 to 2.5.

**2.3.3 Manufacture** The cut ends of the fabric shall be finished with a minimum hem 1.5 cm wide so that cut edges are not exposed. The sewing shall be of even tension; lockstitch only shall be used, and the number of stitches shall not be less than four per centimetre. The start and finish of the hems shall be backstitched. The fenestration shall be reinforced by the addition of a facing which shall have overall finished dimensions 12 cm larger than the fenestration.

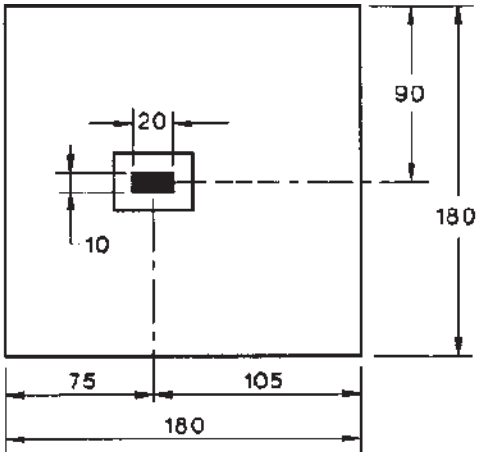
**2.3.4 Code numbers** The code numbers for fenestrated drapes shall be as follows:

- (a) TF1 Drapes-eye and ear.
- (b) TF2 Drapes-gynaecological.
- (c) TF3 Drapes-split.
- (d) TF4 Drapes-urological.



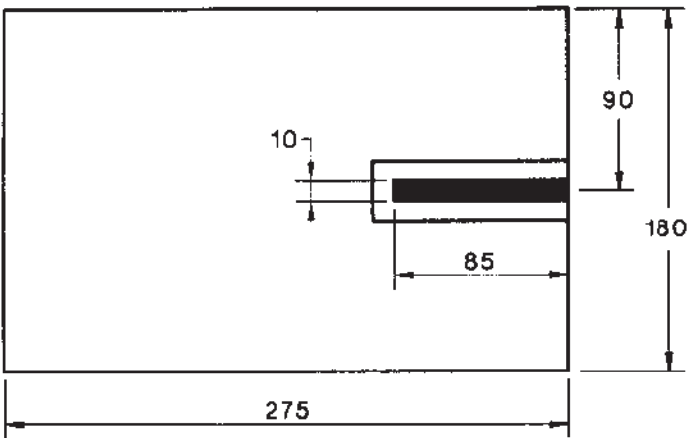
DIMENSIONS IN CENTIMETRES

FIGURE 2.2 DRAPES-EYE AND EAR  
(CODE NO. TF1)—DIMENSIONS



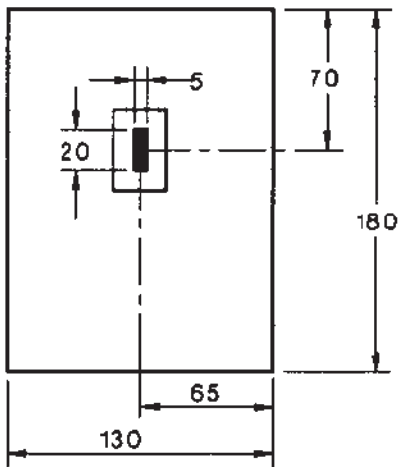
DIMENSIONS IN CENTIMETRES

FIGURE 2.3 DRAPES-GYNAECOLOGICAL  
(CODE NO. TF2)—DIMENSIONS



DIMENSIONS IN CENTIMETRES

FIGURE 2.4 DRAPES-SPLIT  
(CODE NO. TF3)—DIMENSIONS



DIMENSIONS IN CENTIMETRES

FIGURE 2.5 DRAPES-UROLOGICAL  
(CODE NO. TF4)—DIMENSIONS

## 2.4 GOWNS-BARRIER

**2.4.1 Description** The general design of the gowns will be as shown in Figure 2.6, they shall have an overlapping sterile back, a stand collar and darts at the back and front neck.

The sleeves shall be raglan style with knitted cuffing attached at the lower end. The portion of the sleeves from the cuffing to above the elbow shall be made from the barrier fabric.

There shall be a barrier front from the armhole to the bottom of the gown.

The gown shall have three sets of ties underneath the overlapping back and one set of ties on the front left side at the waist.

The large gown shall be identified by a mauve neck band which shall be colour P23 in accordance with AS 2700.

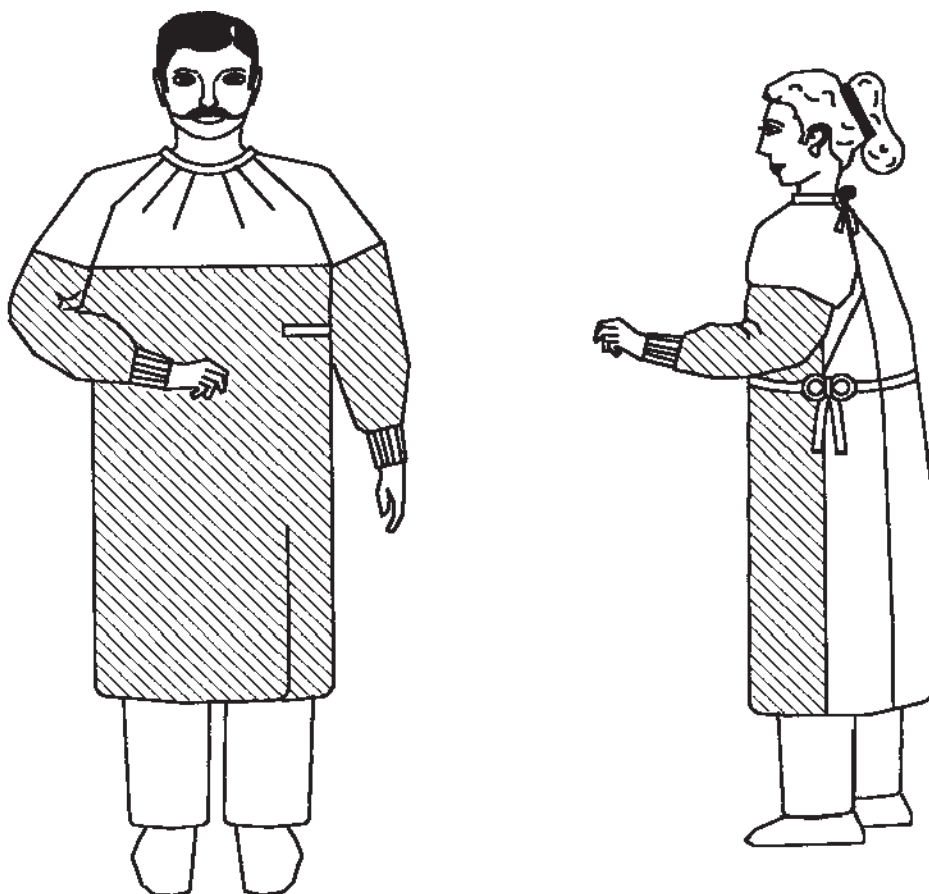


FIGURE 2.6 GENERAL DESIGN OF THE GOWNS

**2.4.2 Materials** The materials shall be as follows:

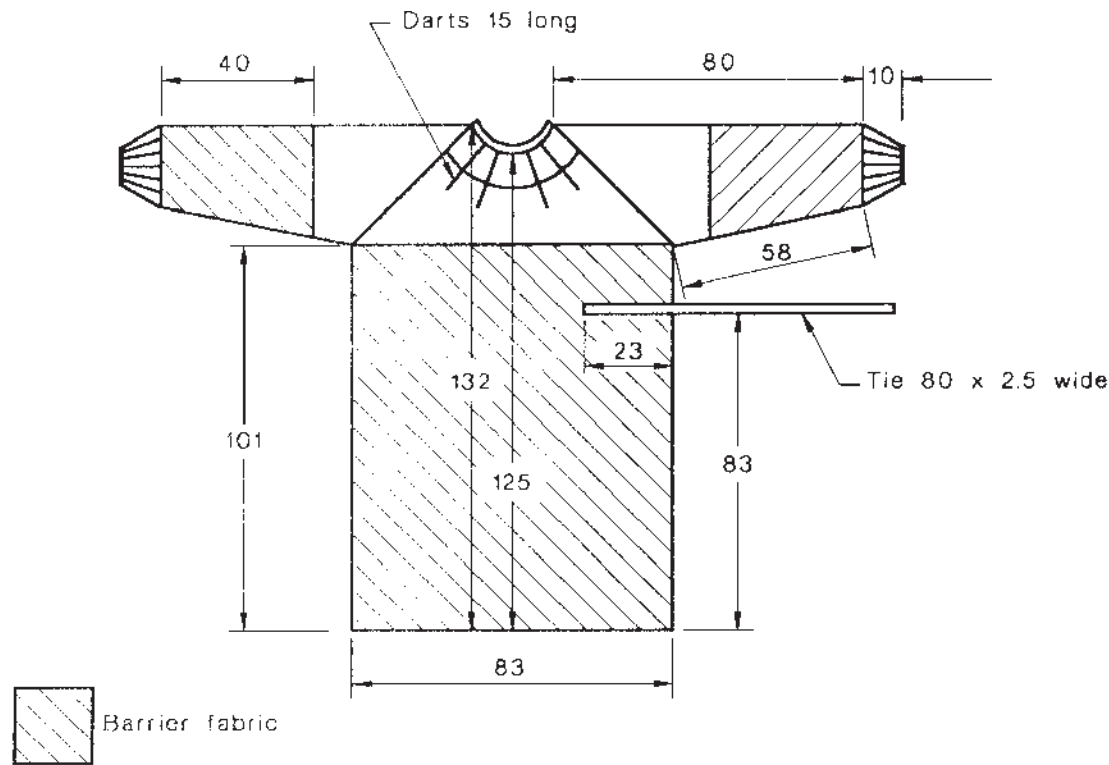
- (a) *Fabric*—dark green 100% (C8) or polyester cotton 50/50 (Pe/C3) and water repellent barrier fabric (Pe/C4). The fabric shall comply with AS 1169.
- (b) *Cuffing*—knitted polyester cotton 50/50.
- (c) *Ties*—dark green fabric 100% (C8) or polyester cotton 50/50 (Pe/C3).
- (d) *Sewing thread*—core spun, or spun, polyester with approximate linear density of 45 tex.

**2.4.3 Finished dimensions** The finished dimensions shall be as shown in Figures 2.7 and 2.8 for the medium gowns and Figures 2.9 and 2.10 for the large gowns.

**2.4.4 Manufacture** The cut ends of the fabric shall be finished with a minimum hem 1.0 cm wide so that cut edges are not exposed. The sewing shall be of even tension; lockstitch only shall be used, and the number of stitches shall not be less than four per centimetre. The start and finish of the hems shall be backstitched.

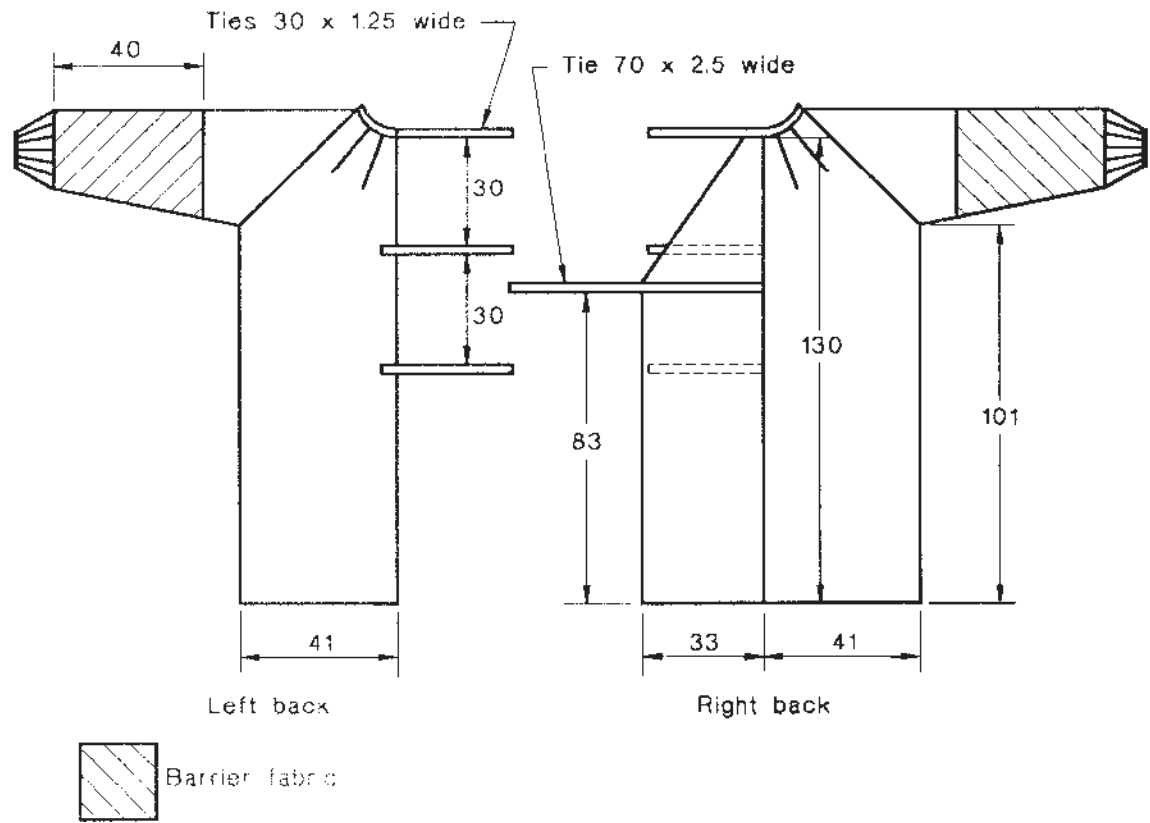
**2.4.5 Code numbers** The code numbers for barrier gowns shall be as follows:

- (a) TG1 medium barrier gowns.
- (b) TG2 large barrier gowns.



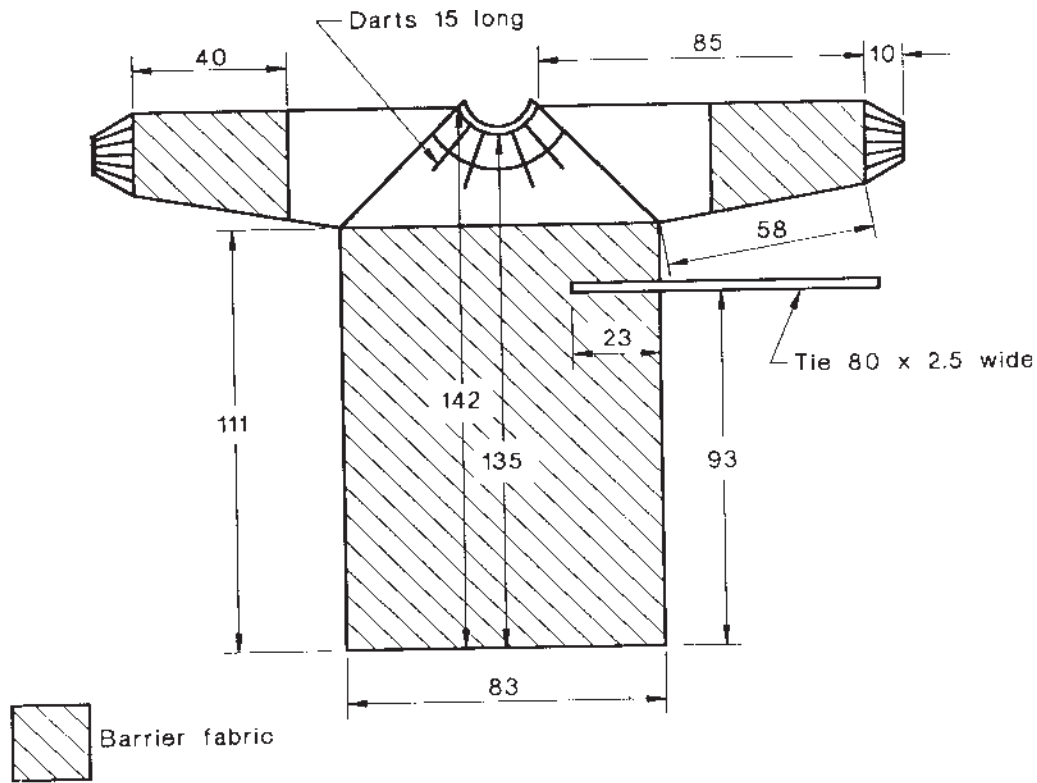
DIMENSIONS IN CENTIMETRES

FIGURE 2.7 MEDIUM GOWNS (CODE NO TG1)—FRONT DIMENSIONS



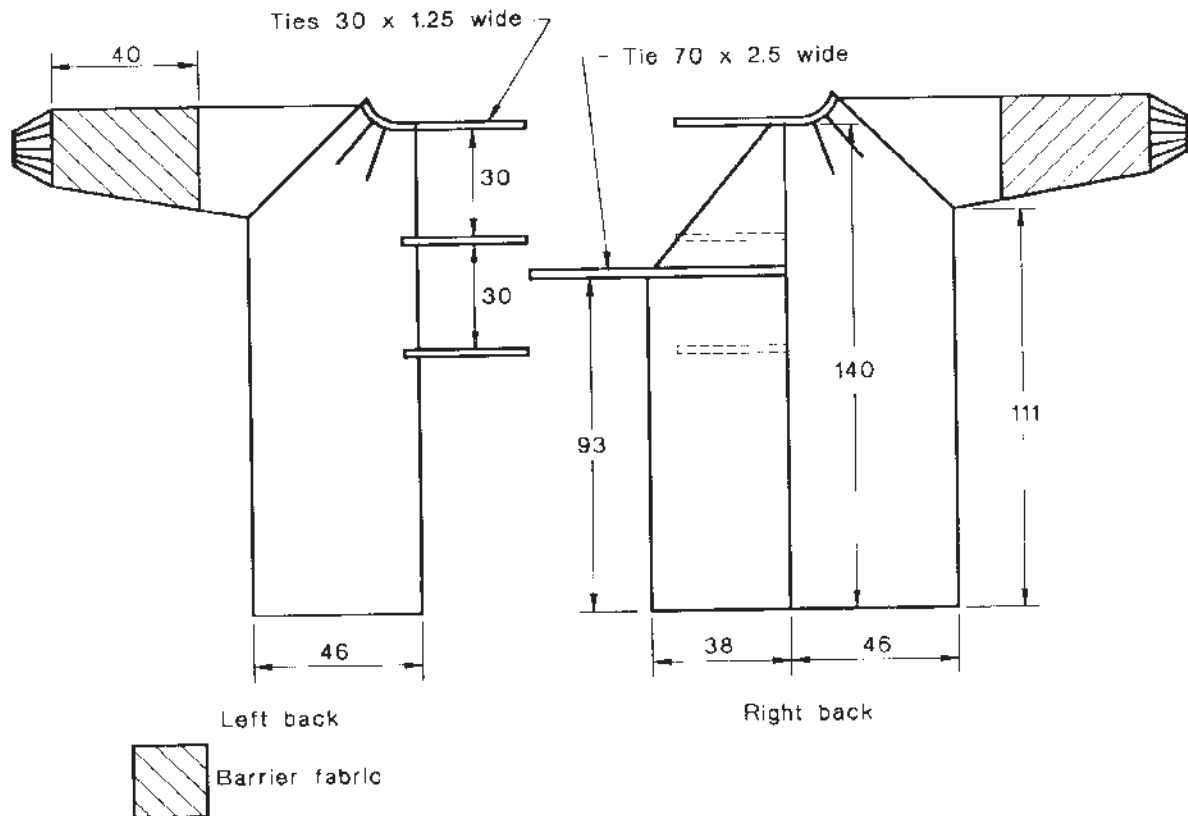
DIMENSIONS IN CENTIMETRES

FIGURE 2.8 MEDIUM GOWNS (CODE NO TG1)—BACK DIMENSIONS



DIMENSIONS IN CENTIMETRES

FIGURE 2.9 LARGE GOWNS (CODE NO TG2)—FRONT DIMENSIONS



DIMENSIONS IN CENTIMETRES

FIGURE 2.10 LARGE GOWNS (CODE NO TG2)—BACK DIMENSIONS

## 2.5 LEGGINGS/MAYO TABLE COVERS

**2.5.1 Materials** The materials shall be as follows:

- (a) *Fabric*—dark green 100% cotton (C8) or polyester cotton 50/50 (Pe/C3).
- (b) *Sewing thread*—core spun, or spun, polyester with approximate linear density of 45 tex.

**2.5.2 Finished dimensions** The finished dimensions shall be as shown in Figure 2.11.

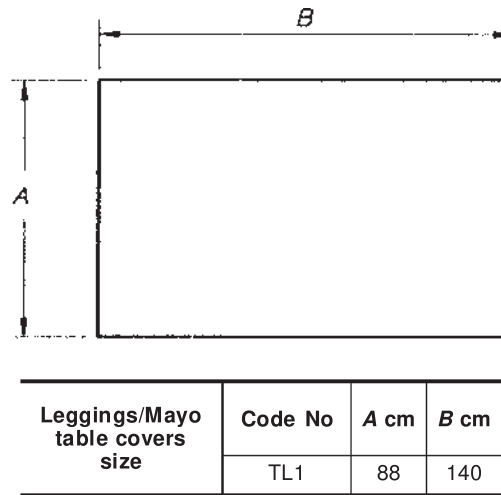


FIGURE 2.11 LEGGINGS/MAYO TABLE COVERS—DIMENSIONS

**2.5.3 Manufacture** The cover shall be manufactured in the form of a bag. The cut ends of the fabric shall be finished with a minimum hem 1.5 cm wide so that cut edges are not exposed. The sewing shall be of even tension; lockstitch and safety stitch only shall be used, and the number of stitches shall not be less than four per centimetre. The start and finish of the hems shall be backstitched.

## 2.6 HAND TOWELS

**2.6.1 Materials** The materials shall be as follows:

- (a) *Fabric*—dark green huckaback 100% cotton (C10).
- (b) *Sewing thread*—core spun, or spun, polyester with approximate linear density of 45 tex.

**2.6.2 Finished dimensions** The finished dimensions shall be as shown in Figure 2.12.

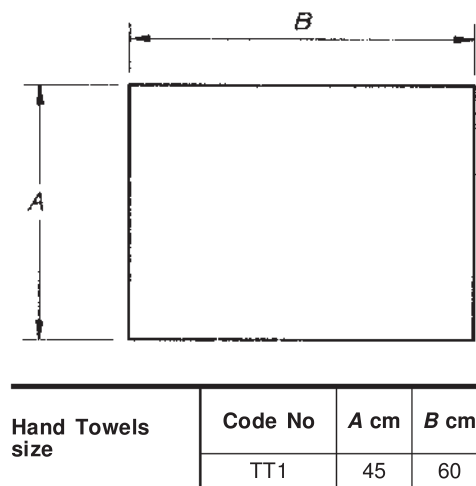


FIGURE 2.12 HAND TOWELS—DIMENSIONS

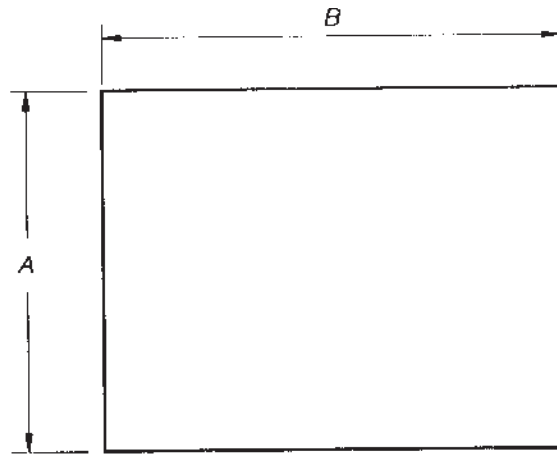
**2.6.3 Manufacture** The cut ends of the fabric shall be finished with a minimum hem 1.0 cm wide so that cut edges are not exposed. The sewing shall be of even tension; lockstitch only shall be used, and the number of stitches shall not be less than four per centimetre. The start and finish of the hems shall be backstitched.

## 2.7 WRAPPERS

**2.7.1 Materials** The materials shall be as follows:

- (a) *Fabric*—white and dark green 100% cotton (C8) or polyester cotton 50/50 (Pe/C3).
- (b) *Sewing thread*—core spun, or spun, polyester with approximate linear density of 45 tex.

**2.7.2 Finished dimensions** The finished dimensions shall be as shown in Figure 2.13.



| Wrapper size | Code No | A cm | B cm |
|--------------|---------|------|------|
| Small        | TW1     | 56   | 60   |
| Medium       | TW2     | 86   | 95   |
| Large        | TW3     | 116  | 116  |
| Extra large  | TW4     | 140  | 176  |

FIGURE 2.13 WRAPPERS—DIMENSIONS

**2.7.3 Manufacture** The cut ends of the fabric shall be finished with a welted hem 1.5 cm wide. The sewing shall be of even tension; lockstitch only shall be used, and the number of stitches shall not be less than four per centimetre. The start and finish of the hems shall be backstitched. One side of the wrapper shall be green and the other side shall be white.

## SECTION 3 REQUIREMENTS FOR THE INSPECTION AND REPAIR OF USED THEATRE LINEN

**3.1 LIFE SPAN** Items shall be rejected when—

- (a) patched areas exceed the maximum allowed percentage of 1% of the total drape;
- (b) there are visible signs of deterioration in the item (e.g. threadbare); or
- (c) unacceptable stains (see Clause 3.3.2) cannot be removed.

**3.2 INSPECTION** All linen shall be carefully inspected over an illuminated linen inspection table for defects after laundering. This applies to all wrappers, drapes, gowns and other items which are intended to be sterilized.

### 3.3 DEFECTS

**3.3.1 Holes** Holes (see Clause 1.3.1), once identified, shall be marked with tailor's chalk and then patched (see Clause 3.5). All chalk marks shall be removed, after patching, by re-laundering.

**3.3.2 Stains** Stains shall be considered acceptable or unacceptable as follows:

- (a) *Acceptable*—discolourations where particulate matter is not present.
- (b) *Unacceptable*—any residual, extrinsic matter on theatre linen intended to be sterilized, i.e. grease, adhesive tape, blood, organic matter, plaster etc.

**3.3.3 Lint** Lint, fluff and loose threads are not acceptable. Lint shall be removed prior to the folding and assembling of theatre pre-packs.

### 3.4 LINEN INSPECTION TABLES

**3.4.1 Description** A linen inspection table with a free-standing, recessed, enamel-finished, mild steel frame with a translucent glass or acrylic panel set flush into the top shall be used; the design should be such as to prevent lint build-up in the joints and should incorporate an earthing device to dissipate static electricity.

**3.4.2 Dimensions** The recommended dimensions are as follows:

- (a) Length . . . . . 1500 mm to 1800 mm.
- (b) Width . . . . . 600 mm to 750 mm.
- (c) Height . . . . . 900 mm.

**3.4.3 Lighting** The table shall be illuminated by two 1200 mm fluorescent tubes for a 1500 mm table or three 1650 mm tubes or four 600 mm tubes for an 1800 mm table. Fluorescent tubes shall include dimming ballast, normal ballast, capacitor (for a power factor of 0.85) and dimmer control.

**3.4.4 Lighting levels** The table luminance shall be uniform and be within the range of 200 cd/m<sup>2</sup> to 600 cd/m<sup>2</sup>.

**3.4.5 Maintenance** Tables shall be maintained in good condition and operated correctly.

### 3.5 LINEN REPAIR

#### 3.5.1 Patching

**3.5.1.1 General** Patches which are lifting are not acceptable. All linen shall be re-laundered after patching.

**3.5.1.2 Material** The patch fabric shall have no loose threads. It is recommended that the patch fabric have a similar fibre composition to the theatre linen.

**3.5.1.3 Adhesive** The adhesive shall be—

- (a) water-resistant;
- (b) able to withstand all laundry cycles;
- (c) able to withstand sterilizing temperatures and pressures;
- (d) non-toxic; and
- (e) stable for the life span of the patch.

**3.5.1.4 Shape** All patches shall have round edges. Patches should be the smallest reasonable size for covering the hole.

**3.5.1.5 Size/number** All patches together shall represent not more than 1% of the total drape area.

**3.5.1.6 Application** All patches shall be applied via a patching machine in accordance with manufacturer's instructions. No stitched patches shall be permitted on linen intended to be sterilized; however, tape attachments, fenestrations and hemming are permitted provided that they are needle-sewn.

Patches shall not be applied to seams; where a seam is in need of repair and the linen quality warrants it, the item shall be reseamed provided the size of the item is not altered.

Patches shall not overlap.

Patches shall be securely applied so that they are able to withstand repeated laundry processing and repeated sterilization.

**3.5.1.7 Patching machines** Because temperature and timing are critical for correct patching, weekly calibration of thermometers, pressure gauges and timers shall be performed in accordance with the manufacturer's instructions.

Patching machines shall be maintained and operated in accordance with the machine manufacturer's recommendations.

The date of the latest inspection shall be displayed on or near the machine.

The effectiveness of the patching machine should be regularly tested to see if, when operated with a piece of carbon paper sandwiched between two sheets of white paper, there is an even transfer of carbon to the paper.

### **3.5.2 Fenestration repair**

**3.5.2.1 General** Damaged fenestration shall not be repaired; a new fenestration shall be fitted ensuring the size and shape of the item and fenestration remain the same, or the item shall be rejected.

## SECTION 4 THEATRE LINEN PRE-PACKS

**4.1 GENERAL** Theatre pre-packs shall contain items from the selection shown in Section 2. The items shall be folded as specified in Section 6. The folded items shall then be assembled as shown in Section 5.

Theatre linen pre-packs shall either be for general use (see Clause 4.2) or serve as feeder packs (see Clause 4.3) to the general-use packs when additional items are needed.

**4.2 CONTENTS OF GENERAL-USE THEATRE PRE-PACKS** The contents shall be as shown in Table 4.1.

**TABLE 4.1**  
**GENERAL-USE THEATRE PRE-PACK CONTENTS**

TP = Theatre Pre-pack

| Code No | Name of pre-pack and contents                                                                                                                                                                                           | Exterior dimensions<br>centimetres<br>(approximate) |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| TP1     | <b>Major pre-pack</b><br>2 × TD1 (drape-mini)<br>3 × TD2 (drape-small)<br>2 × TD4 (drape-large)<br>1 × TL1 (legging/mayo cover)<br>Wrapped in TW4 (wrapper-extra large)                                                 | 35 × 31 × 10                                        |
| TP2     | <b>Minor pre-pack</b><br>2 × TD1 (drape-mini)<br>3 × TD2 (drape-small)<br>1 × TD4 (drape-large)<br>Wrapped in TW4 (wrapper-extra large)                                                                                 | 34 × 29 × 10                                        |
| TP3     | <b>Cardio-thoracic pre-pack</b><br>2 × TD1 (drape-mini)<br>3 × TD2 (drape-small)<br>2 × TD3 (drape-medium)<br>3 × TD5 (drape-extra large)<br>1 × TL1 (legging/mayo table cover)<br>Wrapped in TW4 (wrapper-extra large) | 35 × 31 × 20                                        |
| TP4     | <b>Eye and ear pre-pack</b><br>2 × TD2 (drape-small)<br>1 × TD4 (drape-large)<br>1 × TF1 (drape-eye and ear)<br>1 × TL1 (legging/mayo table cover)<br>Wrapped in TW4 (wrapper-extra large)                              | 35 × 34 × 8                                         |
| TP5     | <b>Gynaecology/urology pre-pack</b><br>1 × TD2 (drape-small)<br>1 × TF2 (drape-gynaecological)<br>2 × TL1 (legging/mayo table cover)<br>Wrapped in TW4 (wrapper-extra large)                                            | 32 × 31 × 10                                        |
| TP6     | <b>Obstetric pre-pack</b><br>2 × TD1 (drape-mini)<br>2 × TD2 (drape-small)<br>1 × TG1 (gown-barrier medium)<br>2 × TL1 (legging/mayo table cover)<br>1 × TT1 (hand towel)<br>Wrapped in TW4 (wrapper-extra large)       | 35 × 31 × 20                                        |
| TP7     | <b>Urology pre-pack</b><br>1 × TD2 (drape-small)<br>1 × TF4 (drape-urological)<br>2 × TL1 (legging/mayo table cover)<br>Wrapped in TW4 (wrapper-extra large)                                                            | 31 × 34 × 8                                         |
| TP8     | <b>One medium gown pre-pack</b><br>1 × TG1 (gown-barrier-medium)<br>1 × TT1 (hand towel)<br>Wrapped in TW2 (wrapper-medium)                                                                                             | 35 × 21 × 8                                         |
| TP9     | <b>One large gown pre-pack</b><br>1 × TG2 (gown-barrier-large)<br>1 × TT1 (hand towel)<br>Wrapped in TW2 (wrapper-medium)                                                                                               | 35 × 21 × 8                                         |
| TP10    | <b>Two gown pre-pack</b><br>2 × TG1 (gown-barrier medium)<br>2 × TT1 (hand towel)<br>Wrapped in TW4 (wrapper-extra large)                                                                                               | 41 × 35 × 10                                        |

(continued)

**TABLE 4.1** (*continued*)

| Code No     | Name of pre-pack and contents                                                                                               | Exterior dimensions<br>centimetres<br>(approximate) |
|-------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>TP11</b> | <b>Three gown pre-pack</b><br>3 × TG1 (gown-barrier-medium)<br>3 × TT1 (hand towel)<br>Wrapped in TW4 (wrapper-extra large) | 41 × 35 × 12                                        |
| <b>TP12</b> | <b>Four gown pre-pack</b><br>4 × TG1 (gown-barrier-medium)<br>4 × TT1 (hand towel)<br>Wrapped in TW4 (wrapper-extra large)  | 41 × 35 × 12                                        |

**4.3 CONTENTS AND CONSTRUCTION OF THEATRE FEEDER PRE-PACKS** The theatre feeder pre-packs shall be as shown in Table 4.2.

**TABLE 4.2**  
**THEATRE FEEDER PRE-PACKS**

FP = Feeder Pre-pack

S = Paper bag (Size No. 2, 4 or 13)

| Code No | Contents | Wrapping                | Exterior dimensions<br>centimetres<br>(approximate) |
|---------|----------|-------------------------|-----------------------------------------------------|
| TFP1    | 1 × TD1  | 13S Inner, 2S Outer Bag | 24 × 20 × 2                                         |
| TFP2    | 1 × TD2  | 2S Inner, 4S Outer Bag  | 25 × 24 × 2                                         |
| TFP3    | 2 × TD2  | TW1 (Wrap as TP8)       | 23 × 18 × 3                                         |
| TFP4    | 4 × TD3  | TW2 (Wrap as TP8)       | 34 × 26 × 7                                         |
| TFP5    | 2 × TD3  | TW2 (Wrap as TP8)       | 34 × 26 × 5                                         |
| TFP6    | 1 × TD3  | TW2 (Wrap as TP8)       | 34 × 26 × 5                                         |
| TFP7    | 1 × TD4  | TW2 (Wrap as TP8)       | 34 × 26 × 6                                         |
| TFP8    | 2 × TD4  | TW2 (Wrap as TP8)       | 34 × 26 × 6                                         |
| TFP9    | 1 × TD5  | TW2 (Wrap as TP8)       | 34 × 26 × 5                                         |
| TFP10   | 1 × TF2  | TW2 (Wrap as TP8)       | 32 × 26 × 6                                         |
| TFP11   | 1 × TF3  | TW2 (Wrap as TP8)       | 34 × 26 × 7                                         |
| TFP12   | 1 × TF4  | TW2 (Wrap as TP8)       | 34 × 26 × 4                                         |
| TFP13   | 1 × TG2  | TW2 (Wrap as TP8)       | 35 × 21 × 8                                         |
| TFP14   | 1 × TL1  | TW2 (Wrap as TP8)       | 31 × 31 × 5                                         |
| TFP15   | 1 × TT1  | 13S Inner, 2S Outer Bag | 24 × 20 × 2                                         |
| TFP16   | 6 × TT1  | TW1 (Wrap as TP8)       | 23 × 16 × 7                                         |
| TFP17   | 1 × T16  | 13S Inner, 2S Outer Bag | 24 × 20 × 2                                         |

## SECTION 5 CONSTRUCTION OF GENERAL-USE THEATRE PRE-PACKS

### 5.1 TP1 MAJOR PRE-PACK

**5.1.1 Contents** The contents shall be as shown in Table 5.1.

**TABLE 5.1**  
**CONTENTS**

| Code No | Name of pre-pack and contents                                                                                                                                           | Exterior dimensions<br>centimetres<br>(approximate) |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| TP1     | <b>Major pre-pack</b><br>2 × TD1 (drape-mini)<br>3 × TD2 (drape-small)<br>2 × TD4 (drape-large)<br>1 × TL1 (legging/mayo cover)<br>Wrapped in TW4 (wrapper-extra large) | 35 × 31 × 10                                        |

**5.1.2 Construction** The pre-pack shall be constructed according to the Steps shown in Figures 5.1 to 5.5.

All free corners (▲) of the folded items shall be positioned facing downwards.

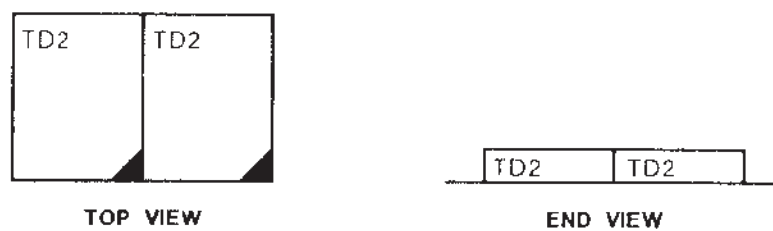


FIGURE 5.1 STEP A



FIGURE 5.2 STEP B

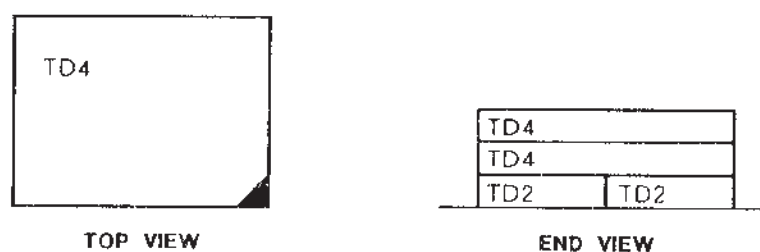
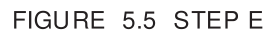
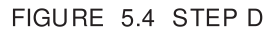


FIGURE 5.3 STEP C



(a) Lay the contents of the pre-pack on the green side of the TW4 wrap in the position shown in Figure 5.6.

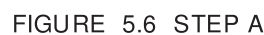


FIGURE 5.7 STEP B

- (c) Make a fold at C and pull edge A across the top of the pre-pack contents. Manipulate fold C so that it overlaps the left side of the pre-pack contents, making sure that edge A falls short of the corner D (see Figure 5.8).

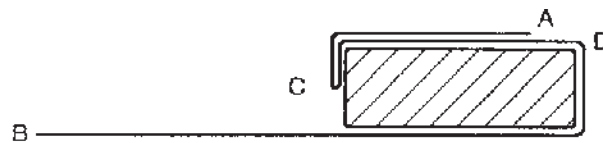


FIGURE 5.8 STEP C

- (d) Fold edge B across the pre-pack as far as possible, pulling the wrapper down tightly over the pre-pack contents (see Figure 5.9).

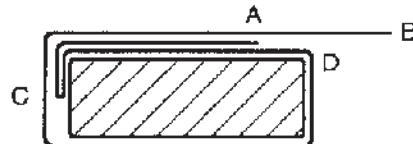


FIGURE 5.9 STEP D

- (e) Fold edge B back on itself, making the fold directly above edge A (see Figure 5.10).

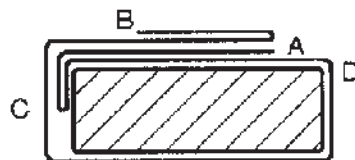


FIGURE 5.10 STEP E

- (f) The pre-pack should now appear as shown below with a strip of green linen showing along the length of the pre-pack down the centre (see Figure 5.11).

NOTE: When folding sides X and Y (see Figure 5.11), their outer edges should be tucked in towards the centre in a similar manner to a parcel fold so as to form a tight, compact pack.

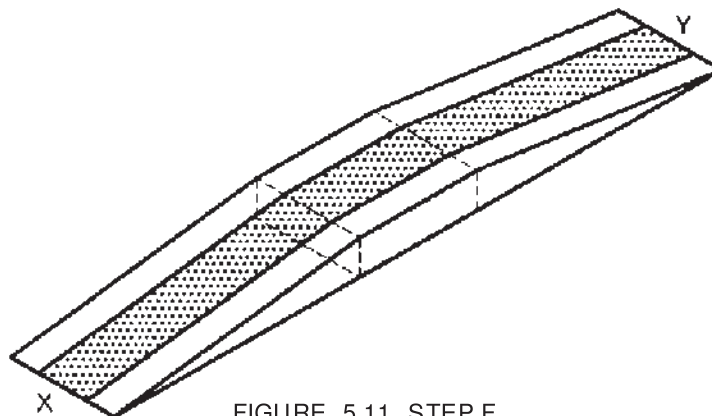


FIGURE 5.11 STEP F

- (g) Fold side X over the pre-pack, pulling it down tightly as it is stretched over towards side Y (see Figure 5.12).

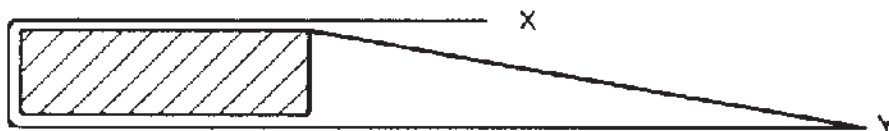


FIGURE 5.12 STEP G

- (h) Fold side X back on itself so that it lays flat on top of the pre-pack but does not reach the left side of the pre-pack at the corner W (see Figure 5.13).

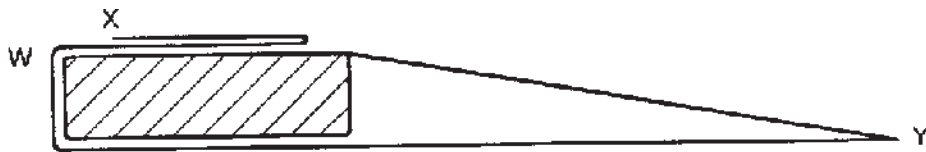


FIGURE 5.13 STEP H

- (i) Fold side Y back on itself, making the fold at Z (see Figure 5.14).

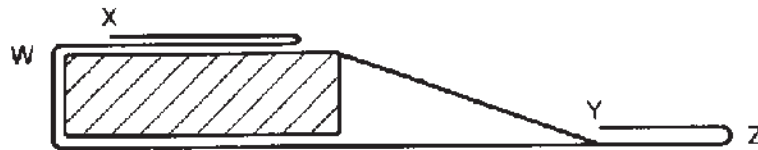


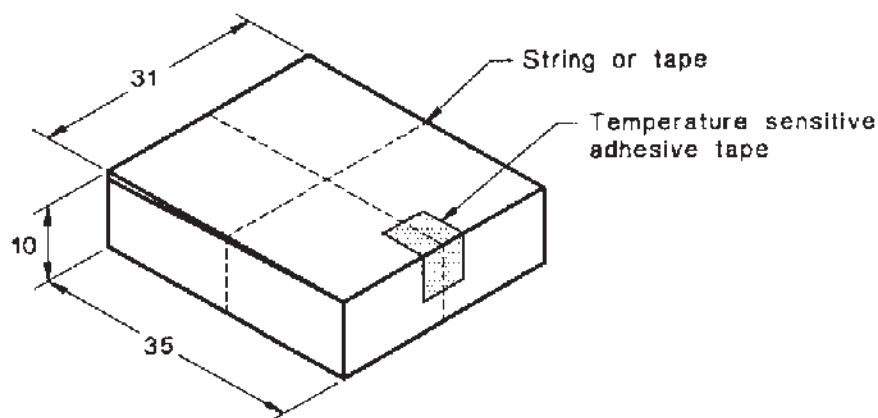
FIGURE 5.14 STEP I

- (j) Take hold of the wrap at fold Z and pull it over the pre-pack keeping it tight. Manipulate the fold Z so as to bring it in line with the edge of the pre-pack at W, making sure that side X is completely covered (see Figure 5.15).



FIGURE 5.15 STEP J

- (k) Attach temperature sensitive adhesive tape to the pre-pack as shown in Figure 5.16 and secure the finished pre-pack with string or tape to ensure that the final fold does not gape.



DIMENSIONS IN CENTIMETRES

FIGURE 5.16 FINISHED TP1 MAJOR PRE-PACK

NOTE: Tapes used in item (k) above shall be such that they do not leave a residue when removed.