Splinting

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## Splinting Materials

### Different Types of Splints

Splints are classified in a variety of ways. The Splint Classifications System (ASHT, 1992) has been developed but many clinicians still use the day-to-day terms of static / resting, dynamic, static progressive or serial splints. These are defined below as they are most commonly used in workplaces today.

- **Static Splints**
  A static splint has no moving parts and may be supportive, corrective or protective.

- **Serial Static Splints**
  Serial static splints position soft tissues towards the end of their available range to help increase tissue length. Serial splinting involves either a series of adjustments to the same splint or the therapist making a series of splints.

- **Dynamic Splints**
  A dynamic splint consists of a static base onto which levers, springs or pulleys may be attached. They assist weak muscle function, mobilise stiff joints or may substitute for lost muscle or nerve function.

- **Static Progressive Splints**
  Static progressive splints involve the application of a low-load prolonged stretch at the end of the available movement. They often involve the use of turnbuckles, screws or non-elastic tape. They are sometimes classified as a dynamic splint.

- **Pre-Fabricated Splints**
  Pre-fabricated splints are frequently used by clinicians. They offer the user a quick, ready-made splint, which may be beneficial in terms of time and cost effectiveness. They are available for many joints, in a wide variety of sizes, price points and colours. Most are adjustable and require a thorough assessment by the clinician prior to issue.

### Thermoplastics at a glance

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.6mm</td>
<td>- Half the weight of 3.2mm splinting material</td>
</tr>
<tr>
<td></td>
<td>- Easy to cut when cold</td>
</tr>
<tr>
<td></td>
<td>- Ideal for paediatrics, finger splints and hand-based splints</td>
</tr>
<tr>
<td>2.4mm</td>
<td>- Lightweight with moderate support</td>
</tr>
<tr>
<td></td>
<td>- Minimises bulkiness</td>
</tr>
<tr>
<td></td>
<td>- Perfect for a wide range of static and dynamic splints including arthritis splints and thumb, hand and forearm splints</td>
</tr>
<tr>
<td>3.2mm</td>
<td>- Traditional thickness for greater support</td>
</tr>
<tr>
<td></td>
<td>- Well-suited for upper and lower extremity splints, spasticity splints and fracture bracing</td>
</tr>
<tr>
<td>4.8mm</td>
<td>- Maximum rigidity for body jackets, spasticity splints, lower extremity splints and fracture braces</td>
</tr>
</tbody>
</table>

### Solid versus Perforated:

- **Solid**
  For extra rigidity.

- **Perforated**
  Perforated (1%, 2% or 2.5%) for slight ventilation and added comfort without compromising rigidity.

- **UltraPerf, OptiPerf, SuperPerf**
  UltraPerf (13%), OptiPerf (19%), and SuperPerf (38% or 42%) for lighter weight, exceptional ventilation and greater comfort and compliance. For additional support, select a thicker material.
Splinting Materials

Different Thermoplastics

At Mobilis-Rolyan we believe that our diverse and comprehensive range of thermoplastic materials reflect the varying needs of clinicians today. Different handling and performance properties are required for the varied caseloads and client groups that therapists work with. In addition to the different properties below, all our Thermoplastics are latex free, biodegradable and X-Ray translucent.

### DRAPE / CONFORMABILITY

The ease with which a material conforms to a surface when it is heated.

- A high degree of drape enables a precise fit with minimal handling = increased comfort and reduced pressure areas
- High drape materials are preferred by the skilled splinter who is confident with their handling skills
- Minimal drape is often preferred when splinting larger areas as the material is easier to handle and provides more stability

### BONDING

The degree to which a material will stick to itself when heated.

- Uncoated materials bond to themselves to form a permanent bond
- Coated materials do not bond to themselves and are often easier to handle
- Coating may be removed with a splint solvent or by scratching the splint surface with scissors or a knife
- An uncoated material is useful when adding outriggers, accessories or reinforcing strips
- If making a long term splint, coated materials may be preferable as they are easier to clean (less porous)

### ANTI-MICROBIAL (AM)

Helps to prevent odours and coating wear caused by harmful micro-organisms.

- Materials with AM remain fresh and odour-free for longer
- It doesn’t wash or wear off and doesn’t dissipate so the protection never stops
- The AM component makes the material slightly more resistant to stretch, reduces the surface tack when warm and increases the gloss of the finished splint
- “Since using Aquaplast-T anti-microbial, there have been no incidences at all of sweat rashes and patients have been able to continue wearing their splints throughout the hot weather”
  – Diane Langford, Derby Royal Hospital

### Splinting Materials

<table>
<thead>
<tr>
<th>Page</th>
<th>Material</th>
<th>Thickness (mm)</th>
<th>Drape / Conformability</th>
<th>Resistance to Stretch</th>
<th>Bonding</th>
<th>Anti-Microbial Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Polyform</td>
<td>1.6</td>
<td>3.2</td>
<td>Maximum</td>
<td>Minimum</td>
<td>Coated</td>
</tr>
<tr>
<td>6</td>
<td>Aquaplast ProDrape T</td>
<td>1.6</td>
<td>2.4</td>
<td>Maximum</td>
<td>Minimum</td>
<td>Coated</td>
</tr>
<tr>
<td>7</td>
<td>Polyflex II</td>
<td>1.6</td>
<td>2.4</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Coated</td>
</tr>
<tr>
<td>8</td>
<td>Aquaplast Original</td>
<td>1.6</td>
<td>2.4</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Uncoated</td>
</tr>
<tr>
<td>9</td>
<td>Aquaplast T</td>
<td>1.6</td>
<td>2.0</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Coated</td>
</tr>
<tr>
<td>10</td>
<td>Aquaplast T Watercolors</td>
<td>1.6</td>
<td>2.4</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Coated</td>
</tr>
<tr>
<td>11</td>
<td>TailorSplint</td>
<td>1.6</td>
<td>2.4</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Coated</td>
</tr>
<tr>
<td>12</td>
<td>Ezeform</td>
<td>1.6</td>
<td>2.4</td>
<td>Minimum</td>
<td>Maximum</td>
<td>Uncoated</td>
</tr>
<tr>
<td>13</td>
<td>Synergy</td>
<td>3.2</td>
<td></td>
<td></td>
<td>Minimum</td>
<td>Uncoated</td>
</tr>
<tr>
<td>14</td>
<td>Aquaplast Resilient Original</td>
<td>1.6</td>
<td>3.2</td>
<td>Minimum</td>
<td>Maximum</td>
<td>Uncoated</td>
</tr>
<tr>
<td>15</td>
<td>Aquaplast Resilient T</td>
<td>1.6</td>
<td>3.2</td>
<td>Minimum</td>
<td>Maximum</td>
<td>Coated</td>
</tr>
<tr>
<td></td>
<td>San-Splint</td>
<td>1.6</td>
<td>3.2</td>
<td>Minimum</td>
<td>Maximum</td>
<td>Uncoated</td>
</tr>
</tbody>
</table>
### Introduction:

**Introductory Splinting Kit**

Contains a wide range of splinting materials for the therapist who wants to gain experience with a variety of materials and products. The kit includes the following:

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 x 46cm Sheets of Splinting Material</td>
<td>- Aquaplast Resilient-T, 3.2mm, white, solid</td>
</tr>
<tr>
<td>23 x 30cm Sheets of Splinting Material</td>
<td>- Ezeform, 3.2mm, white, solid</td>
</tr>
<tr>
<td>- Aquaplast ProDrape-T, 3.2mm, white, solid</td>
<td></td>
</tr>
<tr>
<td>- Synergy, 3.2mm, white, solid</td>
<td></td>
</tr>
<tr>
<td>- TailorSplint, 3.2mm, beige, solid</td>
<td></td>
</tr>
<tr>
<td>5 x 5cm Pieces of Splinting Material</td>
<td>- Polyform, 3.2mm, white, solid</td>
</tr>
<tr>
<td>- Aquaplast-T, 3.2mm, white, solid</td>
<td></td>
</tr>
<tr>
<td>- Synergy, 3.2mm, white, solid</td>
<td></td>
</tr>
<tr>
<td>- Ezeform, 3.2mm, white, solid</td>
<td></td>
</tr>
<tr>
<td>- Polyflex II, 3.2mm, white, solid</td>
<td></td>
</tr>
<tr>
<td>- San-Splint, 3.2mm, beige, solid</td>
<td></td>
</tr>
<tr>
<td>- TailorSplint, 3.2mm, beige, solid</td>
<td></td>
</tr>
<tr>
<td>- Watercolors, 3.2mm, purple, solid</td>
<td></td>
</tr>
</tbody>
</table>

### Other Splinting Products:

- SoftStrap Strapping material, 5cm wide, 183cm long
- Self-adhesive hook strapping material, 2.5cm wide, 91cm long, beige
- 4 finger loops, 5cm wide, 2.5cm long
- 2 Outrigger wires, 3.2mm diameter, 91cm long
- 8 rubber bands, size 30, 5cm long, 3.2mm wide
- 15cm goniometer

**A783101**

### Clinic Pack A

Contains a selection of Rolyan thermoplastic materials ideal for splinting hand conditions. The perfect way to sample the Rolyan range. Contains one of each of the following:

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyform, Solid, White</td>
<td>2.3mm, 15 x 30cm</td>
</tr>
<tr>
<td>Polyflex II, Solid, Beige</td>
<td>3.2mm, 22 x 30cm</td>
</tr>
<tr>
<td>Aquaplast ProDrape-T, OptiPerf, White</td>
<td>2.4mm, 22 x 30cm</td>
</tr>
</tbody>
</table>

**550534**

### Clinic Pack B

Contains a selection of Rolyan thermoplastic materials, ideal for hand and wrist splints. The perfect way to sample the Rolyan range. Contains one of each of the following:

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TailorSplint, Solid, Beige</td>
<td>2.4mm, 22 x 30cm</td>
</tr>
<tr>
<td>Aquaplast-T OptiPerf, White</td>
<td>2.4mm, 22 x 30cm</td>
</tr>
<tr>
<td>Polyflex II, Solid, Beige</td>
<td>3.2mm, 22 x 30cm</td>
</tr>
<tr>
<td>Ezeform, 1% Perforated</td>
<td>3.2mm, 20 x 45cm</td>
</tr>
</tbody>
</table>

**550535**

### Clinic Pack C

Contains a selection of Rolyan thermoplastic materials, ideal for addressing conditions that require increased rigidity and support. Contains one of each of the following:

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquaplast-T, OptiPerf, White</td>
<td>2.4mm, 22 x 30cm</td>
</tr>
<tr>
<td>Aquaplast Resilient-T, OptiPerf, White</td>
<td>1.6mm, 22 x 30cm</td>
</tr>
<tr>
<td>Ezeform, 1% Perforated, White</td>
<td>3.2mm, 20 x 45cm</td>
</tr>
<tr>
<td>San-Splint, 2.5% Perforated, Beige</td>
<td>3.2mm, 20 x 45cm</td>
</tr>
</tbody>
</table>

**550536**
Polyform™ & Polyform Light™

**Polyform™**

Minimum resistance to stretch. Coated.

**Handling Characteristics**
- Offers natural drape with minimal handling
- Intimate fit achieved for reduced pressure areas and splint migration
- Cuts easily when cold, eliminating the need for precise patterns
- For a temporary bond, pinch heated surfaces together
- For a permanent bond, remove the coating with spirits or by scraping with a sharp instrument
- Anti-microbial component available where shown

**Heating and Working Times**
- 3.2mm for 1 minute at 65°C-70°C gives 3 to 5 minutes working time

**Clinical Indications**
- Ideal for patients with acute trauma, pain and joint irritation
- Thumb, finger, wrist and hand based splints
- Dynamic outrigger bases
- Lightweight paediatric splints

3.2mm - Solid

<table>
<thead>
<tr>
<th>Code</th>
<th>Color</th>
<th>Quantity</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>A29201</td>
<td>White</td>
<td>1</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>A2921</td>
<td>White</td>
<td>4</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>A29203</td>
<td>White</td>
<td>1</td>
<td>61 x 91 cm</td>
</tr>
<tr>
<td>A292030</td>
<td>Blue</td>
<td>1</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>A292024</td>
<td>Beige</td>
<td>1</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>551220</td>
<td>White</td>
<td>1</td>
<td>46 x 61 cm</td>
</tr>
</tbody>
</table>

3.2mm - 1% Perforated

<table>
<thead>
<tr>
<th>Code</th>
<th>Color</th>
<th>Quantity</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>A292012</td>
<td>White</td>
<td>1</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>A292031</td>
<td>Blue</td>
<td>1</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>A29212</td>
<td>White</td>
<td>4</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>A29202</td>
<td>White</td>
<td>1</td>
<td>61 x 91 cm</td>
</tr>
<tr>
<td>A292026</td>
<td>Beige</td>
<td>1</td>
<td>61 x 91 cm</td>
</tr>
<tr>
<td>A292029</td>
<td>Blue</td>
<td>1</td>
<td>61 x 91 cm</td>
</tr>
<tr>
<td>551222</td>
<td>White</td>
<td>1</td>
<td>46 x 61 cm</td>
</tr>
</tbody>
</table>

**Polyform Light™**

Minimum resistance to stretch. Coated.

**Handling Characteristics**
- Half the thickness of Polyform for lightweight yet rigid splints
- Offers natural drape with minimal handling for increased comfort and contours
- Cuts easily at room temperature with scissors
- For a temporary bond, pinch heated surfaces together
- For a permanent bond, remove the coating with spirits or by scraping with a sharp instrument

**Heating and Working Times**
- 1.6mm for 30 seconds at 65 - 70°C gives 1 minute working time

**Clinical Indications**
- Lightweight finger and hand splints
- Ideal for elderly clients and paediatrics
- Suitable for night resting splints

1.6mm - Solid

<table>
<thead>
<tr>
<th>Code</th>
<th>Color</th>
<th>Quantity</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>A29213</td>
<td>White</td>
<td>4</td>
<td>31 x 46 cm</td>
</tr>
</tbody>
</table>

1.6mm - 1% Perforated

<table>
<thead>
<tr>
<th>Code</th>
<th>Color</th>
<th>Quantity</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>A29214</td>
<td>White</td>
<td>4</td>
<td>31 x 46 cm</td>
</tr>
</tbody>
</table>

**DID YOU KNOW ...**

...that all Rolyan thermoplastics are latex free, biodegradable and X-Ray translucent?
**Aquaplast™ ProDrape™-T**

**Rolyan**

Minimum resistance to stretch. Coated.

**Handling Characteristics**

- Stretches easily with excellent drapability and minimal handling for an intricate fit
- 100% memory allows for repeated reheating and splint revisions
- Increased cost effectiveness and reduced clinical waste
- Transparent when heated allowing the user to observe landmarks and potential pressure areas
- For a temporary bond, pinch heated surfaces together
- For a permanent bond, remove the coating with spirits or by scraping with a sharp instrument
- Anti-microbial component available where shown

**Heating and Working Times**

- 1.6mm for 30 seconds at 70°C-75°C gives 1 minute working time
- 2.4mm for 1 minute at 70°C-75°C gives 2 to 3 minutes working time
- 3.2mm for 1 minute at 70°C-75°C gives 4 to 6 minutes working time

**Clinical Indications**

- Serial splinting (100% memory)
- Ideal for patients with acute trauma, pain and joint irritation
- Thumb, finger, wrist and hand based splints
- Dynamic outrigger bases
- Lightweight paediatric splints

1.6mm - Solid
- 550765 White 1 sheet 46 x 61cm
- 550766 White 4 sheets 46 x 61cm

1.6mm - 13% UltraPerf
- 550767 White 1 sheet 46 x 61cm
- 550768 White 4 sheets 46 x 61cm

2.4mm - Solid
- A96266 White 1 sheet 46 x 61cm
- A96266C4 White 4 sheets 46 x 61cm

2.4mm - 19% OptiPerf
- A96267 White 1 sheet 46 x 61cm
- A96267C4 White 4 sheets 46 x 61cm

3.2mm - Solid
- A96264 White 1 sheet 46 x 61cm
- A96264C4 White 4 sheets 46 x 61cm
- 553260 Electric blue 1 sheet 46 x 61cm
- 55326004 Electric blue 4 sheets 46 x 61cm
- 55326204 Red 4 sheets 46 x 61cm
- 554820 White 1 sheet 46 x 61cm

3.2mm - 19% OptiPerf
- A96265 White 1 sheet 46 x 61cm
- A96265C4 White 4 sheets 46 x 61cm
- 55326104 Electric blue 4 sheets 46 x 61cm
- 553261 Electric blue 1 sheet 46 x 61cm
- 553263 Red 1 sheet 46 x 61cm
**Polyflex II & Polyflex II Light™**

**Splinting Materials**

1. **Polyflex II™**
   **Rolyan**
   Moderate resistance to stretch. Coated.

   **Handling Characteristics**
   - Stretches easily with excellent drape, conforming well to contour to provide a seamless splint
   - Excellent strength and rigidity, with flexibility to resist fatigue
   - Flexible when cured allowing the splint to accommodate tonal and postural fluctuations
   - A helping hand for those having difficulty with splint application
   - Easy trim edges for superior finishing
   - For a temporary bond, pinch heated surfaces together
   - For a permanent bond, remove the coating with spirits or by scraping with a sharp instrument
   - Anti-microbial component available where shown

   **Heating and Working Times**
   - 2.4mm for 30-45 seconds at 65°C-70°C gives 2-3 minutes working time
   - 3.2mm for 1 minute at 65°C-70°C gives 3-5 minutes working time

   **Clinical Indications**
   - Ideal for patients with acute pain or joint irritation
   - Dynamic outrigger bases
   - Neurological splinting

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Color</th>
<th>Quantity</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.4mm</td>
<td>Solid</td>
<td>1 sheet</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>2.4mm</td>
<td>1% Perforated</td>
<td>1 sheet</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>3.2mm</td>
<td>Solid</td>
<td>1 sheet</td>
<td>46 x 61 cm</td>
</tr>
<tr>
<td>3.2mm</td>
<td>1% Perforated</td>
<td>1 sheet</td>
<td>46 x 61 cm</td>
</tr>
</tbody>
</table>

2. **Polyflex II™ Light™**
   **Rolyan**
   Moderate resistance to stretch. Coated.

   **Handling Characteristics** - as standard Polyflex, in addition:
   - Half the weight and thickness of Polyflex II for lightweight splints
   - Material is more flexible when cold enabling ease of application and removal

   **Heating and Working Times**
   - 1.6mm for 30 seconds at 65°C-70°C gives 1 minute working time

   **Clinical Indications**
   - Ideal for elderly clients and paediatrics
   - Suitable for night resting splints

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Color</th>
<th>Quantity</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.6mm</td>
<td>Solid</td>
<td>4 sheets</td>
<td>31 x 46 cm</td>
</tr>
<tr>
<td>1.6mm</td>
<td>1% Perforated</td>
<td>4 sheets</td>
<td>31 x 46 cm</td>
</tr>
</tbody>
</table>

*DID YOU KNOW...*
...that all Rolyan thermoplastics are latex free, biodegradable and X-Ray translucent?
Splinting Materials

Aquaplast™ Original

Handling Characteristics
• Offers the same handling characteristics as Aquaplast-T but bonds instantly and permanently on contact
• Tacky on the skin when heated giving the therapist an extra pair of hands during splint fabrication
• Controlled stretch and excellent contour

Heating and Working Times
• 1.6mm for 35 seconds at 70°C-75°C gives 1-2 minutes working time
• 2.4mm for 1 minute at 70°C-75°C gives 2-3 minutes working time
• 3.2mm for 1 minute at 70°C-75°C gives 4-6 minutes working time

Clinical Indications
• Perfect for dynamic splinting and outrigger attachments

Aquaplast™ Original

Moderate resistance to stretch. Uncoated.

Handling Characteristics
• Offers the same handling characteristics as Aquaplast-T but bonds instantly and permanently on contact
• Tacky on the skin when heated giving the therapist an extra pair of hands during splint fabrication
• Controlled stretch and excellent contour

Heating and Working Times
• 1.6mm for 35 seconds at 70°C-75°C gives 1-2 minutes working time
• 2.4mm for 1 minute at 70°C-75°C gives 2-3 minutes working time
• 3.2mm for 1 minute at 70°C-75°C gives 4-6 minutes working time

Clinical Indications
• Perfect for dynamic splinting and outrigger attachments

Aquaplast-T™

See next page

Moderate resistance to stretch. Coated.

Handling Characteristics
• Optimum combination of intimate conformability and resistance to stretch
• 100% memory allows for repeated reheating and splint revisions - increased cost effectiveness and reduced clinical waste
• Transparent when heated allowing the user to observe landmarks and potential pressure areas
• Easy trim edges for improved patient comfort
• Non-stick coating for ease of handling
• Aquaplast-T provides a temporary bond by pinching the edges together. Ideal for wrap and tack techniques
• For a permanent bond, remove the coating with liquid remover or by scraping with a sharp instrument
• Available with anti-microbial component where shown

Heating and Working Times
• 1.6mm for 35 seconds at 70 - 75°C gives 1 - 2min working time
• 2.4mm for 1 minute at 70 - 75°C gives 2 - 3min working time
• 3.2mm for 1 minute at 70 - 75°C gives 4 - 6min working time
• 4.8mm for 1 - 2 minutes at 70 - 75°C gives 4 - 7min working time

Clinical Indications
• Serial splinting and economical splint revisions
• Hand, wrist and thumb splints
• Dynamic outriggers bases

1.6mm - Solid
A96430 White 1 sheet 46 x 61cm
1.6mm - 13% UltraPerf
A964301 White 1 sheet 46 x 61cm
554590 Beige 1 sheet 46 x 61cm
554591 Beige 4 sheets 46 x 61cm
1.6mm - 19% OptiPerf
A96435 Beige 1 sheet 46 x 61cm
2.4mm - Solid
A96439 Beige 1 sheet 46 x 61cm
2.4mm - 19% OptiPerf
A96444 Beige 1 sheet 46 x 61cm
3.2mm - Solid
A96431 White 1 sheet 46 x 61cm
A96437 Beige 1 sheet 46 x 61cm
3.2mm - 19% OptiPerf
A96438 Beige 1 sheet 46 x 61cm
Aquaplast-T™ Splinting Materials

**Rolyan**

Moderate resistance to stretch. Coated.

For handling characteristics, heating and working times and clinical indications, see previous page.

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Resistance</th>
<th>Description</th>
<th>Code</th>
<th>Color</th>
<th>Quantity</th>
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DID YOU KNOW... that all Rolyan thermoplastics are latex free, biodegradable and X-Ray translucent?
**Splinting Materials**

**Aquaplast-T™ Watercolors™**

**Handling Characteristics**
- Bright, vibrant colours encourage paediatric and adult compliance
- Features all the well loved benefits of Aquaplast-T

**Heating and Working Times**
- 1.6mm for 35 seconds at 70 - 75°C gives 1 to 2 minutes working time
- 2.4mm for 1 minute at 70 - 75°C gives 2 to 3 minutes working time
- 3.2mm for 1 minute at 70 - 75°C gives 4 to 6 minutes working time

**Clinical Indications**
- Hand and upper limb splinting
- Neurological visual and attentional deficits
- Occupational splints where conventional white materials can show stains

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**Aquaplast-T™ Watercolors™**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>3.2mm x 46 x 61cm Solid</th>
<th>OptiPerf 19%</th>
<th>2.4mm x 46 x 61cm Solid</th>
<th>OptiPerf 19%</th>
<th>1.6mm x 46 x 61cm Solid</th>
<th>OptiPerf 19%</th>
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**Aquaplast-T™ Watercolors™**

**Paediatric Pack A**

Convenient size for paediatric splinting or for hand-based splints for adults. Save time and money by ordering 15 x 23cm sheets in 8 colours: 3.2mm solid electric blue, hot pink, spring green, charcoal, pastel blue and red; 2.4mm solid purple; 1.6mm OptiPerf blush. A963220

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**Aquaplast-T™ Watercolors™**

**Multi-Colour Variety Packs**

Order Watercolors in 46 x 61cm size in a mixed pack per details below to get the case quantity discount. Available in the following combinations:

Watercolors Pack “Bold” 550530 3.2mm Solid

Watercolors Pack “Pastel” 550532 3.2mm Solid
Moderate resistance to stretch. Coated.

Handling Characteristics
- Perfect balance between resistance to stretch and drape
- Easy trim edges for economical and easy splint adjustments
- Suitable for the novice and experienced splinter
- Powdered smooth finish for increased patient comfort and compliance
- For a temporary bond, pinch heated surfaces together
- For a permanent bond, remove the coating with liquid remover or by scraping with a sharp instrument
- Available with anti-microbial component where shown

Heating and Working Times
- 1.6mm for 30 seconds at 65 - 70°C gives 1 minute working time
- 2.4mm for 30 to 45 seconds at 65 - 70°C gives 2 to 3 minutes working time
- 3.2mm for 1 minute at 65 - 70°C gives 3 to 5 minutes working time

Clinical Indications
- Adapts to a wide range of clinical conditions - the preferred material for a limited budget
- Finger, wrist, hand and dynamic splints
- Elbow and lower limb splints
- Meets the demands of neurological conditions

1.6mm - Solid
553458 Beige 1 sheet 31 x 36cm
A297003 Beige 4 sheets 31 x 46cm

1.6mm - 1% Perforated
553459 Beige 1 sheet 31 x 36cm
A297004 Beige 4 sheets 31 x 46cm

2.4mm - Solid
A297007 Beige 1 sheet 46 x 61cm
A297010 Beige 4 sheets 46 x 61cm
555972 Beige 1 sheet 46 x 61cm

2.4mm - 1% Perforated
A297008 Beige 1 sheet 46 x 61cm
A297011 Beige 4 sheets 46 x 61cm

3.2mm - Solid
A297005 Beige 1 sheet 46 x 61cm
A297001 Beige 4 sheets 46 x 61cm
555968 Beige 1 sheet 46 x 61cm
09 120 3496 Beige 1 sheet 61 x 91cm

3.2mm - 1% Perforated
A297006 Beige 1 sheet 46 x 61cm
A297012 Beige 1 sheet 61 x 91cm
A297002 Beige 4 sheets 46 x 61cm

DID YOU KNOW . . .
- that all Rolyan thermoplastics are latex free, biodegradable
- and X-Ray translucent?
Splinting Materials

**Ezeform™ & Ezeform™ Light**

**Maximum resistance to stretch. Uncoated.**

**Handling Characteristics**

- Maximum resistance to stretch with superior drape, offering an intimate fit
- Maximum rigidity with no need for reinforcements
- Slightly tacky surface when heated, giving the therapist an extra pair of hands
- Bonds permanently when heated edges are pinched together
- Available with anti-microbial component where shown

**Heating and Working Time**

- 3.2mm for 1 minute at 70 - 75°C gives 4 to 6 minutes working time

**Clinical Indications**

- Neurological and tonal splints
- Functional resting and lower limb positioning splints

**2.4mm - Solid**

- 09 120 3306 White 1 sheet 46x61cm
- 09 120 3322 White 4 sheets 46x61cm

**2.4mm - 19% OptiPerf**

- 09 120 3314 White 1 sheet 46x61cm
- 09 120 3330 White 4 sheets 46x61cm

**3.2mm - Solid**

- A57701 White 1 sheet 46 x 61cm
- A57771 White 4 sheets 46 x 61cm
- 09 117 5215 White 1 sheet 46 x 61cm
- 09 118 2559 White 4 sheets 46 x 61cm
- A577703 White 1 sheet 61 x 91cm
- A57779 White 6 sheets 31 x 46cm
- A5777020 Beige 1 sheet 46 x 61cm
- A5777020C4 Beige 4 sheets 46 x 61cm
- A5777021 Beige 1 sheet 61 x 91cm
- A5777026 Blue 1 sheet 46 x 61cm
- A5777026C4 Blue 4 sheets 46 x 61cm
- A5777024 Blue 1 sheet 61 x 91cm

**3.2mm - 1% Perforated**

- A577704 White 1 sheet 46 x 61cm
- 09 118 2534 White 1 sheet 46 x 61cm
- A57774 White 4 sheets 46 x 61cm
- 09 118 2542 White 4 sheets 46 x 61cm
- A577702 A577702 Beige 1 sheet 61 x 91cm
- A5777023 Beige 4 sheets 46 x 61cm
- A5777023C4 Beige 4 sheets 46 x 61cm
- A5777022 Beige 1 sheet 61 x 91cm
- A5777027 Blue 1 sheet 46 x 61cm
- A5777027C4 Blue 4 sheets 46 x 61cm
- A5777025 Blue 1 sheet 61 x 91cm

**Ezeform™ Light**

**Maximum resistance to stretch. Uncoated.**

**Handling Characteristics**

- Offers maximum resistance to stretch in a lightweight material
- Cuts effortlessly at room temperature

**Heating and Working Time**

- 1.6mm for 30 seconds at 65 - 70°C gives 1 minute working time

**1.6mm - Solid**

- A577711 White 4 sheets 31 x 46cm
- A577724 Beige 4 sheets 31 x 46cm

**1.6mm - 1% Perforated**

- A577712 White 4 sheets 31 x 46cm
- A577725 Beige 4 sheets 31 x 46cm
Handling Characteristics
• Provides a high degree of control during splint fabrication and stays in place while critical contours are moulded
• Retains its shape without the need for reinforcement
• Offers rigidity with the ability to conform to small contours

Heating and Working Times
• 3.2mm for 1 min at 65 - 70°C gives 4 to 6 mins working time

Clinical Indications
• Ideal for unco-operative patients
• Neurological circumferential splints
• Lower limb positioning splints
• Body jackets and back supports

3.2mm - Solid
A911010 White 1 sheet 46 x 61cm
A911010C4 White 4 sheets 46 x 61cm
A911011 White 1 sheet 61 x 91cm
A911020 Beige 1 sheet 46 x 61cm
A911021 Beige 1 sheet 61 x 91cm
A911030 Blue 1 sheet 46 x 61cm
A91131 Blue 1 sheet 61 x 91cm

3.2mm - 1% Perforated
A911013 White 1 sheet 46 x 61cm
A911012 White 1 sheet 61 x 91cm
A911013C4 White 4 sheets 46 x 61cm
A911023 Beige 1 sheet 46 x 61cm
A911022 Beige 1 sheet 61 x 91cm
A911033 Blue 1 sheet 46 x 61cm
A91132 Blue 1 sheet 61 x 91cm
Aquaplast™ Resilient™

Maximum resistance to stretch.

Handling Characteristics
- Available as Aquaplast Resilient-T with coating or as Aquaplast Resilient Original without coating
- A non-draping material that provides maximum control
- 100% memory allows for repeated reheating and splint revisions - increased cost effectiveness and reduced clinical waste
- Transparent when heated allowing the user to observe landmarks and potential pressure areas
- Aquaplast Resilient-T provides a temporary bond by pinching the edges together. Ideal for wrap and tack techniques
- For a permanent bond, use Aquaplast Resilient Original or remove the coating of Aquaplast Resilient-T with spirits or by scraping with a sharp instrument

Heating and Working Times
- 1.6mm for 35 seconds at 65°C to 70°C gives 1 to 2 minutes working time
- 3.2mm for 1 minute at 70°C to 75°C gives 4 to 6 minutes working time

Clinical Indications
- Ideal for splints requiring frequent revisions
- Neurological splinting
- Lower limb weight bearing splints

AQUAPLAST RESILIENT ORIGINAL (uncoated)
1.6mm - Solid
A96440 White 1 sheet 46 x 61cm
A96440C4 White 4 sheets 46 x 61cm
1.6mm - 13% UltraPerf
550138 White 1 sheet 46 x 61cm
550139 White 4 sheets 46 x 61cm
3.2mm - Solid
A96442 White 1 sheet 46 x 61cm
A96442C4 White 4 sheets 46 x 61cm

AQUAPLAST RESILIENT-T (coated)
1.6mm - Solid
A96262 White 1 sheet 46 x 61cm
1.6mm - 13% UltraPerf
A96261 White 1 sheet 46 x 61cm
3.2mm - Solid
A96263 White 1 sheet 46 x 61cm
A96263C4 White 4 sheets 46 x 61cm
San-Splint™ & San-Splint™ Light
Splinting Materials

1. San-Splint™
Maximum resistance to stretch. Uncoated

Handling Characteristics
- Isoprene rubber based material that offers a high degree of control and rigidity
- Allows aggressive handling without finger printing, improving the splints finish
- Bonds permanently when edges are pinched together for easy outrigger, strapping and padding attachment
- Conforms easily around large areas without the need for reinforcements
- Can be heated in a convection oven or in hot water
- The perfect durable, high control material

Heating and Working Time
- 3mm for 1½ minutes at 70°C to 80°C gives 4 to 5 minutes of working time
- Suitable for use in convection ovens. Heat in oven at 80°C for 2 to 3 minutes.

Clinical Indications
- Ideal for unco-operative patients
- Shoe and lower limb orthotic devices
- Neurological splinting
- Body jackets and spinal supports
- Conditions requiring a high degree of control and support

3.2mm - Solid
A32440  White  1 sheet  46 x 61cm
A32440C4 White  4 sheets  46 x 61cm
A32444 White  1 sheet  61 x 91cm
A32452 Beige  1 sheet  46 x 61cm
A32451 Beige  4 sheets  46 x 61cm
A32456 Beige  1 sheet  61 x 91cm

3.2mm - 1% Perforated
A32441 White  1 sheet  46 x 61cm
A32445 White  1 sheet  61 x 91cm
A32441C4 White  4 sheets  46 x 61cm

3.2mm - 2.5% Perforated
A32455 Beige  1 sheet  46 x 61cm
A32453 Beige  4 sheets  46 x 61cm
A32457 Beige  1 sheet  61 x 91cm

2. San-Splint™ Light
Maximum resistance to stretch. Uncoated

Handling Characteristics
- The high control of San-Splint in a lightweight material
- Cuts effortlessly at room temperature

Heating and Working Time
- 1.6mm for 30 seconds at 65°C to 70°C gives 1 to 3 minutes of working time
- Suitable for use in convection ovens

Clinical Indications
- For conditions requiring lightweight yet durable splinting
- Ideal for paediatrics and night resting splints
- Hand splints where a less bulky material is desirable

1.6mm - Solid
A32461 Beige  1 sheet  46 x 61cm
A32461C4 Beige  4 sheets  46 x 61cm
A32469 Beige  1 sheet  61 x 91cm

1.6mm - 2.5% Perforated
A32460 Beige  1 sheet  46 x 61cm
A32460C4 Beige  4 sheets  46 x 61cm
A32451 Beige  1 sheet  61 x 91cm

DID YOU KNOW . . .
- That all Rolyan thermoplastics are latex free, biodegradable and X-Ray translucent?
Splinting Materials

**Imprints™**

The latest development in low-temperature thermoplastics. Have you been looking for ways to give your splints a more fun, less “clinical” look? Do you believe that you could achieve more compliance with a multi-coloured design? If so, choose the Rolyan Imprints version of your favourite thermoplastic. The thermoplastics are covered on one side with a non-stick coating that can be removed to attach strapping. Heating and working times are the same as the regular versions of the various materials.

**POLYFORM**
- 3.2mm Blue Bandana Solid
  - 560426
  - 1 sheet
  - 46 x 61cm

**TAILORSPLINT**
- 3.2mm Autumn Leaves Solid
  - 560428
  - 1 sheet
  - 46 x 61cm

**AQUAPLAST**
- 3.2mm Flowers Solid
  - 560430
  - 1 sheet
  - 46 x 61cm

**POLYFORM**
- 3.2mm Pink Camouflage Solid
  - 09 132 4045
  - 1 sheet
  - 46 x 61cm
**Anti-Microbial Thermoplastics**

Rolyan's anti-microbial formulation provides protection combined with superior manufacturing standards to provide a high degree of durability, functionality and attractiveness. The anti-microbial protection helps to prevent odours and coating wear caused by harmful micro-organisms. It doesn’t wash or wear off and since it doesn’t dissipate, the protection never stops. Splinting materials with this revolutionary anti-microbial formulation remain fresh and odour-free for longer. The anti-microbial component also makes the material slightly more resistant to stretch, reduces the surface tack when warm and increases the gloss of the finished splint.

The anti-microbial material is used extensively at Derby Royal Hospital, UK. The splinting department shares their experience of working with Rolyan anti-microbial thermoplastic materials below:

> “We recently implemented a change of practice as part of our action planning for the ‘Essence of Care’ benchmark for Tissue Viability. Sweat rashes used to cause significant problems, particularly under our humeral braces and range of upper limb splints. We tried a variety of different materials in an attempt to splint susceptible patients without success until we discovered the Homecraft Rolyan anti-microbial range of thermoplastics. Since using Aquaplast-T anti-microbial, there have been no incidences at all of sweat rashes and patients have been able to continue wearing their splints throughout the hot weather.” Diane Langford, Derby Royal Hospital.

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<th>POLYFORM</th>
<th>3.2mm - Anti-Microbial Solid</th>
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<tr>
<td>09 116 2874</td>
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| 3.2mm - Anti-Microbial OptiPerf |
| 551238 | White 1 Sheet 46 x 61cm |

| 2.4mm - Anti-Microbial Solid |
| 551240 | White 1 Sheet 46 x 61cm |

| 2.4mm - Anti-Microbial OptiPerf |
| 551242 | White 1 Sheet 46 x 61cm |

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| 3.2mm - Anti-Microbial Solid |
| 555968 | Beige 1 Sheet 46 x 61cm |

| 3.2mm - Anti-Microbial OptiPerf |
| 555970 | Beige 1 Sheet 46 x 61cm |

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<th>EZEFORM</th>
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</table>

| 09 118 2559 | White 4 Sheets 46 x 61cm |

| 3.2mm Anti-Microbial 1% Perforated |
| 09 118 2534 | White 1 Sheet 46 x 61cm |

| 09 118 2542 | White 4 Sheets 46 x 61cm |
Splinting Materials

Breathoprene & Plastazote

1 Breathoprene

Fabricate semi-flexible splints with Breathoprene, the material that breathes, wicks moisture away from the skin, and does not require terry backing or perforating. Join the pieces together with iron on tape of your choice. Apply sew on hook and loop straps for fastening.

Benefits of Breathoprene include:
- Varying compression - light to firm - depending on the material thickness
- Varying support - minimal to maximum - depending on the material thickness
- Lightweight
- Cool and comfortable to wear, improves user compliance
- Material does not require perforating to breathe
- Wicks away moisture from the skin
- Latex free

Splints fabricated from Breathoprene are perfect for pediatric and the following applications:
- Arthritis
- Carpal Tunnel
- deQuervains
- Sports or Work Related Injury
- Traumatic Brain Injury

1.6mm Thickness
- 920040 46 x 61 cm Beige
- 920042 46 x 61 cm Black
- 920043 46 x 61 cm Red
- 920044 46 x 61 cm Purple

3.2mm Thickness
- 920028 46 x 61 cm Blue
- 920029 46 x 61 cm Black
- 920030 46 x 61 cm Red
- 920031 46 x 61 cm Purple

Breathoprene with Hook Receptive Backing
One side is nylon, the other hook-receptive loop.

1.6mm Thickness
- 551534 46 x 61 cm Beige
- 551535 46 x 61 cm Black

3.2mm Thickness
- 553271 46 x 61 cm Black
- 556029 46 x 61 cm Blue

Plastazote™ Foam Splinting Material

Handling Characteristics
- Low density foam material that conforms to heat and pressure
- Cut to shape, oven heat and mould, providing a close, secure fit
- Material may be laminated together by placing one piece on top of another

Heating
- Oven heat at 140°C
- Not to be used with a heat pan. Heat with hot air gun or in hot air oven

Clinical Indications
- Shoe orthotics and inserts, ideal for diabetic neuropathy
- Ideal for arthritis splints, cervical collars
- Use to adapt handles of household utensils and equipment

Perforated - Beige
- AA9416 6 mm 100 cm x 75 cm 10 sheets
- AA9418 12 mm 100 cm x 75 cm 5 sheets

Non-Perforated - Beige
- A6528C8 3.2 mm 102 cm x 76 cm 8 sheets
- A6524C4 6.4 mm 102 cm x 76 cm 4 sheets
- A6522C2 13 mm 102 cm x 76 cm 2 sheets

Non-Perforated - Self-Adhesive - Beige
- A65216A1 1.6 mm 15 x 91 cm roll

Non-Perforated - Self-Adhesive - Beige
- A6528A1 3.2 mm 15 x 91 cm roll
Neoprene Rolls

Handling Characteristics
- Neoprene has a degree of elasticity enabling controlled movement, it consists of nylon lining on one side and pile material on the other over a rubber core, making for easy hook attachment.
- It is lightweight and non-bulky enhancing function and provides warmth that is ideal for arthritic joints. Sold in a bag. Latex free.

Clinical Indications
- Can be used either as strapping or for making soft splints
- Warmth may be beneficial with hypertonicity

3.2mm Thickness
- A8104 2.5cm x 3.2m
- A8106 3.8cm x 3.2m
- A8105 5.0cm x 3.2m

Neoprene Sheets

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Colour</th>
<th>Sheet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1mm</td>
<td>Green</td>
<td>46 x 61cm</td>
</tr>
<tr>
<td>2mm</td>
<td>Black</td>
<td>46 x 61cm</td>
</tr>
<tr>
<td>2mm</td>
<td>Beige</td>
<td>46 x 61cm</td>
</tr>
<tr>
<td>3mm</td>
<td>Black</td>
<td>46 x 61cm</td>
</tr>
<tr>
<td>3mm</td>
<td>Beige</td>
<td>46 x 61cm</td>
</tr>
<tr>
<td>3mm</td>
<td>Beige/Black</td>
<td>46 x 61cm</td>
</tr>
<tr>
<td>3mm</td>
<td>Blue/Black</td>
<td>46 x 61cm</td>
</tr>
</tbody>
</table>

20mm Iron-On Seam Tape
Made from a nylon knitted fabric with a heat activated glue on the reverse. Ideal for fusing two pieces of neoprene together when making customised splints. To bond, place over the butted seam and heat with an iron. For maximum bond use tape on either side of the seam. 5 metre roll. Neoprene sheets sold separately.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>09 117 0448</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Iron-On Hook and Loop
Attach to Neoprene, Breathoprene (opposite) or other fabrics with household iron on medium setting. 2.5cm x 4.57m. Black.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>09 117 9720</td>
<td>Iron-On Hook</td>
<td></td>
</tr>
<tr>
<td>09 117 6890</td>
<td>Iron-On Loop</td>
<td></td>
</tr>
</tbody>
</table>

Neoprene Sealing Iron
Fabricate your own soft splints from neoprene sheets and seam tape and fuse the sheets together with the Neoprene Sealing Iron. The iron is lightweight and easy to use. Ideal for fixing iron-on tapes and fasteners to customised soft splints made from neoprene. Variable heat settings range from 50-200°C, the flashing light indicates when the iron is ready for use. For safe storage, whilst in use, the iron is supplied with a metal stand and cotton sock that reduces the intensity of the heat.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>09 118 4043</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Splinting Materials

**Fabrifoam™**
A revolutionary product range that provides advanced comfort and advanced support in four materials and a variety of joint-specific designs. These materials:
- **Breathe** - wick away moisture
- **Keep skin cool, dry and comfortable**
- **Resist slipping** - ideal as splint liners
- **Are light and low profile**
- **Are adjustable and reusable**
- **Are hook responsive**
- **Are kind to the skin**
- **Do not contain natural rubber latex or neoprene**

**1 Tensowrap™ - Medi**
- Woven blend of nylon (94%) and Lycra (6%) making up the outer layer
- Elastomeric foam inner layer
- Minimum elasticity
- Linear stretch
- Recommended for wrist, ankle, thumb, and patella wraps
- Alternative to adhesive tapes offering rigid support
A840030 2.5cm x 4.5m - Pack of 4

**2 Tensowrap™ - Pro**
- Medium conformability
- Minimum to moderate elasticity
- Mostly linear stretch
- Recommended for compression wraps, customised supports and knee wraps
- Alternative to neoprene wraps
A840040 5cm x 9m - Pack of 2
A840042 10cm x 4.5m - Roll
A840043 15cm x 4.5m - Roll

**3 Tensowrap™ - Nu**
- High conformability
- Moderate elasticity
- Multi-directional stretch
- Recommended for securing electrodes, hot packs and cold packs and for customised supports
- Alternative to neoprene wraps
A51460 6.4 x 46cm - Pack of 3
A51462 6.4 x 122cm - Pack of 3
A51464 10 x 91cm - Pack of 3
A51465 10 x 122cm - Pack of 3
A51467 15 x 91cm - Pack of 3
A51468 15 x 122cm - Pack of 3
A514146 43 x 56cm - Sheet

**4 Tensowrap™ - Super**
- Very high conformability
- High elasticity
- Multi-directional stretch
- Recommended for hip spica, hamstring, patella malalignment, chest, shoulder and elbow wraps
- Alternative to elastic bandages
A808400 5cm x 1.5m - Pack of 5
A808401 7.6cm x 1.5m - Pack of 5
A808405 7.6cm x 3m - Roll
1. **Adapt-It Thermoplastic Pellets**

   Melt pellets in hot water and mould onto utensils, household items, ambulation aids and recreation equipment. Can also be used for fabricating web spacers, joysticks, adapting head and mouth sticks, extending wheelchair brakes, and in craft projects. 

   Latex free.

   A70361 1.4kg

2. **Aquatubes™ Ultra Thin™ Edging Material**

   Super thin thermoplastic material is designed to provide a smooth, durable edge reinforcement on splints fabricated from perforated Aquaplast materials. Quickly softens using a heat gun or hot water to instantly bond to splint. White.

   Rolls measure 1.9cm x 7.6m.

   A96422 Roll

3. **Aquatubes™ Splinting Tubes**

   Instant bonding, low temperature, hollow splinting tubes permanently bond to all Rolyan splinting materials.

   - Can be used as line guides to direct angle of pull and prevent snagging of traction lines
   - Ideal for dynamic outriggers and figure 8 splints
   - Can be used as an economical, durable hinge
   - Choice of 3 diameters
   - White
   - 60cm long
   - Latex free

   **Outside Diameter** | **Inside Diameter**
   --- | ---
   A96251 4.8mm | 1.6mm
   A96252 6.4mm | 3.2mm
   A96253 9.5mm | 3.2mm

   556041 Pack of 3 (one of each size)
Pre-Cut Splints

Pre-Cut Sizing
Rolyan
Our pre-cut splint blanks are ready to heat and mould. Quick and easy to use, they save time, money and reduce waste material. Invert the pre-cut for right or left hand application. For size, measure across the second to fifth MCP. Size guide below:

<table>
<thead>
<tr>
<th>Size</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Small</td>
<td>Up to 7.6cm</td>
</tr>
<tr>
<td>Small</td>
<td>7.6-8.9cm</td>
</tr>
<tr>
<td>Medium</td>
<td>8.9cm-10.8cm</td>
</tr>
<tr>
<td>Large</td>
<td>11.4cm and up</td>
</tr>
</tbody>
</table>

1 Pre-Cut Sampler Kit “A”
Rolyan
Contains one each of the following: Wrist and Thumb Spica Splint with IP Immobilisation (Polyflex II), Gauntlet Thumb Spica (1.6mm Aquaplast-T OptiPerf) and a Wrist and Thumb Spica Splint (Polyform). For sizing, see above.

09 116 9143 Small
09 116 9150 Medium

2 Pre-Cut Sampler Kit “B”
Rolyan
Contains one each of the following: Radial Bar Wrist Cock-Up Splint (TailorSplint beige 3.2mm), Gauntlet Thumb Spica (ProDrape Charcoal 1.6mm) and Thumb Hole Wrist Cock-Up (ProDrape electric blue 3.2mm). For sizing, see above.

09 116 9168 Small
09 116 9176 Medium

3 TailorSplint™ CMC Pre-Cut
Rolyan
CMC Splint provides support for the CMC joint while leaving all other joints of the hand free to move. Use in case of CMC instability or pain due to sprains, strains, rheumatoid arthritis and post surgery. Made from 2.4mm TailorSplint. Pack of 3. Latex free. For sizing, see above.

556004 Small
556005 Medium
556006 Large

4 Thumb Support Splint
Rolyan
This pre-cut features newly designed perforations to provide extra ventilation without compromising stability. It provides strong but lightweight support for the CMC and MP joints of the thumb, leaving the wrist free for function. Clinical uses include CMC arthritis and ligamentous injuries. One size available, can be trimmed for a custom fit. Pack of 3.

550464 Polyflex II 3.2mm White
550465 TailorSplint 2.4mm Beige
09 116 9184 Pro-Drape-T 2.4mm Charcoal

5 Gauntlet Thumb Spica
Rolyan
Designed to immobilise the thumb CMC and MP joint. Ideal for providing support and stability for arthritis, ligamentous and soft tissue injuries. Pack of 3. For sizing, see above.

A67891 Small
A67892 Medium
A67893 Large
Polyflex Light 1.6mm Solid White
A67891 Small
A67892 Medium
A67893 Large
Polyflex Light 1.6mm Solid White
550421 Small
550422 Medium
550423 Large
Aquadplast-T OptiPerf 1.6mm Solid White
550426 Small
550427 Medium
550428 Large
Aquadplast-T ProDrape-T 1.6mm Charcoal
09 116 9192 Small
09 116 9200 Medium
09 116 9218 Large
Pre-Cut Splints

1. Wrist and Thumb Spica
   Immobilises the wrist, CMC and MP joints of the thumb. Use for degenerative conditions and soft tissue injuries. Pack of 3.
   For sizing, see opposite.
   - Aquaplast-T 3.2mm Solid White
     - A6785 Small
     - A6786 Medium
   - Polyflex II 3.2mm Solid White
     - A678220 Small
     - A678320 Medium
   - Polyform 3.2mm Solid White
     - A6781 Small
     - A6782 Medium

2. TailorSplint™ Wrist and Thumb Spica
   Immobilises the wrist, CMC and MP joints of the thumb. Pack of 3. For sizing, see opposite.
   - TailorSplint 3.2mm Solid Beige
     - 55327701 Small
     - 55327702 Medium
     - 55327703 Large

3. Thumb Hole Wrist Cock-Up Splint
   Perforation in proximal part of splint increases wearing comfort while solid area at wrist helps maintain strength of splint where it is most needed. Use for dynamic splinting and carpal tunnel syndrome to help decrease pain and/or correct deformity. Pack of 3. Polyform, perforated 3.2mm. For sizing, see opposite.
   - 550451 Small
   - 550452 Medium

4. Thumb Hole Wrist Cock-Up Splint
   Provides support with control of radial and ulnar deviation. Pack of 3. For sizing, see opposite.
   - Aquaplast-T 3.2mm Solid White
     - A1593A1 Small
     - A1603A1 Medium
   - Polyflex II 3.2mm Solid White
     - A159220 Small
     - A160320 Medium
   - Polyform 3.2mm Solid White
     - A1591P Small
     - A1601P Medium
     - TailorSplint 3.2mm Solid Beige
     - A925900 Small
     - A926000 Medium

5. Radial Bar Wrist Cock-Up Splint
   Provides dorsal or volar wrist support. Makes an ideal dynamic outrigger base. Pack of 3. For sizing, see opposite.
   - Aquaplast-T 3.2mm Solid White
     - A1711A1 Small
     - A1721A1 Medium
   - Polyflex II 3.2mm Solid White
     - A171220 Small
     - A172320 Medium
   - Polyform 3.2mm Solid White
     - A1711P Small
     - A1721P Medium
     - Polyform 3.2mm Perforated White
     - 550446 Small
     - 550447 Medium
Pre-Cut Splints

1. **Ezeform™ Sugar Tong Pre-Cut Splint**  
   Rolyan  
   Time saving pre-cut of Ezeform™ splinting material used to immobilise the elbow at 90° of flexion. Ideal for total elbow joint replacement, ulnar nerve transposition, forearm fractures and cumulative trauma injuries. With the wrist in a neutral position and the elbow at 90°, measure down the centre of the palm from the distal palmar crease to the medial epicondyle.  
   - 556010 Small: 27.9-36.2cm  
   - 556011 Medium: 36.8-40.6cm  
   - 556012 Large: 41.3cm and up

2. **Long Arm TailorSplint™ with Radial Bar**  
   Rolyan  
   Use when immobilisation of the elbow and wrist is required. Can be trimmed. Made of 3.2mm TailorSplint. Sold individually.  
   551438

3. **Metacarpal Fracture Splint**  
   Rolyan  
   Use to protect fractures of the fourth and fifth metacarpal post cast when support is still needed. Can be trimmed proximally and distally as needed. 3.2mm TailorSplint. Pack of 3.  
   - 55143901 X-Small  
   - 55143902 Small  
   - 55143903 Medium

4. **Dorsal Wrist Cock-Up Splint**  
   Rolyan  
   Designed to immobilise the wrist, MCP’s and IP joints leaving the thumb free for function. Sometimes called a back slab splint and is used clinically following flexor tendon repairs. The palmar bar provides maximum support and reduces splint migration. Pack of 3.  
   - Aquaplast-T 3.2mm Solid White:  
     - A1520 X-Small: Up to 5.1cm  
     - A1521 Small: 5.1-7.3cm  
     - A1527 Small/Medium: 7.3-7.6cm  
     - A1522 Medium: 7.6-9.2cm  
     - A1523 Large: 9.3-11.1cm

5. **Dorsal Blocking Splint**  
   Rolyan  
   Designed to immobilise the wrist, MCP’s and IP joints leaving the thumb free for function. Sometimes called a back slab splint and is used clinically following flexor tendon repairs. The palmar bar provides maximum support and reduces splint migration. Pack of 3.  
   - Aquaplast ProDrape-T 3.2mm Solid White:  
     - 551435 X-Small  
     - A353370 Small  
     - A353280 Medium  
     - 551434 Large  
   - Ezeform 3.2mm Solid White:  
     - A3531E Small  
     - A3532E Medium  
     - 551433 Large  
   - Polyflex II 3.2mm Solid White:  
     - A3531 Small  
     - A3532 Medium  
     - 551432 Large

6. **Resting Pan Mitt Splint (Perforated)**  
   Rolyan  
   Features newly designed perforations to provide extra ventilation without compromising the splints strength and stability. May be used either dorsally or volarly to provide support and protection for arthritic and neurological conditions. Pack of 3.  
   - Ezeform 3.2mm White:  
     - 550461 Small  
     - 550462 Medium  
     - 550463 Large
Pre-Cut Splints

1. Resting Pan Mitt Splint (Solid)  
   Designed to provide support for the wrist and MP or CMC joint of the thumb. May be used on either the volar or dorsal aspect of the hand. Ideal for arthritic and neurological conditions where support and protection are desired. Pack of 3.
   - **Ezeform 3.2mm Solid White**
     - A762SE Small
     - A762ME Medium
     - A762LE Large
   - **Ezeform 3.2mm Solid Beige**
     - A762231 Small
     - A762331 Medium
     - A762431 Large
   - **Polyflex II 3.2mm Solid White**
     - A762SFX Small
     - A762MFX Medium
     - A762LFX Large

2. Functional Positioning Splint (Solid)  
   A static resting splint designed to immobilise the wrist, fingers and thumb joints. Enables painful or deformed joints to be placed in an anatomically correct position for optimum functional alignment. Ideal for neurological conditions, burns, arthritis and post surgery. Pack of 3.
   - **Aquaplast-T 3.2mm Solid White**
     - A310SA1 Small
     - A310MA1 Medium
     - A310LA1 Large
   - **Ezeform 3.2mm Solid White**
     - A310SPE X-Small
     - A310SE Small
     - A310ME Medium
     - A310LE Large
   - **Polyflex II 3.2mm Solid White**
     - A310SFX Small
     - A310MFX Medium
     - A310LFX Large

3. Functional Positioning Splint (Perforated)  
   6.4mm perforations are patterned so rigidity is not compromised, providing maximum air flow and ventilation to underlying skin. Ideal for hot or humid climates. Pack of 3.
   - **Aquaplast-T 3.2mm Perforated White**
     - A310500 Small
     - A310501 Medium
     - A310502 Large
   - **Ezeform 3.2mm Perforated White**
     - A310503 Small
     - A310504 Medium
     - A310505 Large
   - **Polyflex II 3.2mm Perforated White**
     - A310503 Small
     - A310504 Medium
     - A310505 Large

4. Anti-Spasticity Ball Splint  
   Designed as an anti-spasticity splint with a corrugated finger design, this splint is fabricated using a ball. Can be made on either the dorsal or volar aspect. Invert for left and right. Pack of 3.
   - **Ezeform 3.2mm Solid White**
     - A6731 Small
     - A6732 Medium
   - **Aquaplast-T 3.2mm Solid White**
     - A6733 Small
     - A6734 Medium
   - **Ball for Anti-Spasticity Splint**
     - A4371 Ezeform 3.2mm Solid White
   - **Tool for Pulling Material Between Fingers**
     - A3734 Polyflex II 3.2mm Solid White
Pre-Formed Splints

Pre-Formed Functional Position Splints
Pre-formed functional position splints are made from low temperature thermoplastic materials that can be modified easily for a custom fit. For size measure the width of the second to fifth MCP.

<table>
<thead>
<tr>
<th>Size</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Small</td>
<td>Up to 6.4cm</td>
</tr>
<tr>
<td>Small</td>
<td>6.4-8.8cm</td>
</tr>
<tr>
<td>Medium</td>
<td>8.9-11.3cm</td>
</tr>
<tr>
<td>Large</td>
<td>11.4cm+</td>
</tr>
</tbody>
</table>

1 Pre-Formed Walker Splint
For people whose grasp is weak due to loss of range of motion, muscle weakness or sensory loss. Made from Polyform splinting material with Kushionflex padding. Can be easily adapted by using a heat gun or in hot water. Complete with straps. For size, measure width of hand at knuckles, not including the thumb.

<table>
<thead>
<tr>
<th>Size</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7671</td>
<td>Small/Medium</td>
</tr>
<tr>
<td>A7672</td>
<td>7.6-8.9cm</td>
</tr>
<tr>
<td>A7673</td>
<td>Large</td>
</tr>
<tr>
<td>A7674</td>
<td>8.9-10.2cm</td>
</tr>
</tbody>
</table>

2 Functional Position Splint with Slot and Loop Strapping
Pre-formed functional position splint that places the wrist and hand in approximately 30° of wrist extension, neutral deviation, 35° of MCP flexion, and 20° of PIP and DIP flexion. Sizing as above.

<table>
<thead>
<tr>
<th>Size</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A31213</td>
<td>Small</td>
</tr>
<tr>
<td>A31214</td>
<td></td>
</tr>
<tr>
<td>A31215</td>
<td>Medium</td>
</tr>
<tr>
<td>A31216</td>
<td></td>
</tr>
<tr>
<td>A31217</td>
<td>Large</td>
</tr>
<tr>
<td>A31218</td>
<td></td>
</tr>
</tbody>
</table>

3 Perforated Functional Position Hand Splint with Strapping
Pre-formed from 3.2mm Polyform splinting material, splint provides maximum ventilation. Sizing as above.

<table>
<thead>
<tr>
<th>Size</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A31219</td>
<td>Small</td>
</tr>
<tr>
<td>A31220</td>
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</tr>
<tr>
<td>A31221</td>
<td>Medium</td>
</tr>
<tr>
<td>A31222</td>
<td></td>
</tr>
<tr>
<td>A31223</td>
<td>Large</td>
</tr>
<tr>
<td>A31224</td>
<td></td>
</tr>
</tbody>
</table>

4 Functional Position Hand Splint with Strapping
Pre-formed from 3.2mm Polyform splinting material. Includes three self-adhesive straps. Sizing as above.

<table>
<thead>
<tr>
<th>Size</th>
<th>Colour</th>
<th>Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3121</td>
<td>White</td>
<td>White</td>
<td>White</td>
</tr>
<tr>
<td>A3123</td>
<td>Medium</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>A3125</td>
<td>Large</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>A31222</td>
<td>Small</td>
<td>Beige</td>
<td></td>
</tr>
<tr>
<td>A31227</td>
<td>Medium</td>
<td>Beige</td>
<td></td>
</tr>
<tr>
<td>A31229</td>
<td>Large</td>
<td>Beige</td>
<td></td>
</tr>
</tbody>
</table>

5 Aquaplast Functional Position Splint
Can be reheated and reshaped repeatedly. Transparent whilst soft for convenience when moulding. Sizing as above.

<table>
<thead>
<tr>
<th>Size</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A311301</td>
<td>Small</td>
</tr>
<tr>
<td>A311302</td>
<td></td>
</tr>
<tr>
<td>A311303</td>
<td>Medium</td>
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<tr>
<td>A311304</td>
<td></td>
</tr>
<tr>
<td>A311305</td>
<td>Large</td>
</tr>
<tr>
<td>A311306</td>
<td></td>
</tr>
</tbody>
</table>
Anti-Spasticity Splints

Anti-Spasticity Splints, which are pre-formed from Polyform splinting material, position the wrist, abduct the fingers and thumb, and maintain the palmar arch in a reflex-inhibiting position. Splints can be adapted easily, and come complete with a strapping system for the fingers and thumb and two padded self-adhesive D-Ring straps for the forearm.

For size, measure the width of the second to fifth MCP.

<table>
<thead>
<tr>
<th>Size</th>
<th>X-Small</th>
<th>Medium</th>
<th>Large</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>7.6-8.2cm</td>
<td>8.9-10.2cm</td>
<td>Over 10.2cm</td>
</tr>
</tbody>
</table>

**1. Anti-Spasticity Ball Splint with Slot and Loop Strapping**

Rolyan

Offers a metacarpal pad and slot-and-loop finger strapping to help positioning in the splint. Made from white 3.2mm Polyform. 1 per pack. Available in paediatric sizes. See above sizing.

(Pattern design courtesy of Bronwyn Keller, OTR. Original strapping design courtesy of Elizabeth Lilly, OTR)

<table>
<thead>
<tr>
<th>Left</th>
<th>Right</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>550514</td>
<td>550515</td>
<td>X-Small</td>
</tr>
<tr>
<td>550516</td>
<td>550517</td>
<td>Small</td>
</tr>
<tr>
<td>550518</td>
<td>550519</td>
<td>Medium</td>
</tr>
<tr>
<td>550520</td>
<td>550521</td>
<td>Large</td>
</tr>
</tbody>
</table>

**2. Anti-Spasticity Ball Splint**

Rolyan

A pre-formed specialist neurological splint designed to control hand and wrist position in the presence of abnormal tone. The splint offers superior ventilation to aid air exchange to underlying skin. Made from white 3.2mm Polyform. To be used on the volar aspect. One per pack. Available in paediatric sizes. See above for sizing. (Pattern design courtesy of Bronwyn Keller, OTR)

<table>
<thead>
<tr>
<th>Left</th>
<th>Right</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>550522</td>
<td>550523</td>
<td>X-Small</td>
</tr>
<tr>
<td>550524</td>
<td>550525</td>
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</tr>
<tr>
<td>550526</td>
<td>550527</td>
<td>Medium</td>
</tr>
<tr>
<td>550528</td>
<td>550529</td>
<td>Large</td>
</tr>
</tbody>
</table>

**3. Anti-Spasticity Ball Joint (Volar)**

Rolyan

Sizing as above.

<table>
<thead>
<tr>
<th>Left</th>
<th>Right</th>
<th>Size</th>
<th>Colour</th>
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**4. Anti-Spasticity Ball Splint with Slot and Loop Strapping**

Rolyan

Ideal for people with moderate to severe spasticity. Metacarpal pad and slot and loop finger strapping help keep fingers and thumb from lifting off splint. Sizing as above. White in colour.

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**5. Deluxe Spasticity Hand Splint**

Rolyan

Fabricated from Polyflex II splinting material, the forearm trough provides support and maintains the wrist in a neutral position. Easily adapted. Includes self-adhesive straps. For size, measure second to fifth MCP. White in colour.

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**Pre-Formed Splints**

1. **Burn Splint**
   - Designed to position the hand following burn injuries, tendon transfers or trauma when the following position is desired: 20° to 30° of wrist extension, 60° to 70° of MCP flexion, IPs fully extended and thumb positioned in 45° of extension midway between radial abduction and palmar abstraction. Pre-formed from Ezeform splinting material. Splint accommodates thick wound dressings. Strapping not included. Can be adjusted using heat gun or heat pan.
   - Left
   - Right
   - Size
   - A7651 A7652 Small
   - A7653 A7654 Medium
   - A7655 A7656 Large

2. **Pre-Formed Posterior Elbow Splint**
   - Pre-formed splint that positions the elbow in 90° flexion. Ideal for use following epicondylectomy, humeral or forearm fractures and post nerve repairs. Made from 3.2mm white Polyform and lined with 6.4mm Polycushion padding. Strapping included. For sizing, measure the circumference at mid-point of humerus.
   - A5174 Small 20.3-24.1cm
   - A5175 Medium 24.2-27.9cm
   - A5176 Large 28-34.3cm
   - A5177 X-Large 34.4-39.4cm

3. **Pre-Formed Foot Drop Splint**
   - Provides support and positioning for the ankle and foot in a neutral posture. Made from white 3.2mm Polyform and padded with 6.4mm Polycushion for comfort and protection. Can be easily adapted and comes with strapping. Not suitable for ambulation. Fit is determined by shoe size. Suitable for both right and left.
   - UK Women
   - UK Men
   - A6341 Small 3½-5½
   - A6342 Medium 6-8
   - A6343 Large 8½-10½

4. **Foot Drop Splint with Expanded Heel**
   - Expanded over the malleoli and Achilles tendon to minimise pressure areas. Made from white 3.2mm Polyform and padded with 6.4mm Polycushion. Complete with strapping. Not suitable for ambulation. Fit is determined by shoe size. X-Wide available.
   - UK Women
   - UK Men
   - A634400 Small 3-5
   - A634401 Medium 5½-7½
   - A634402 Large 8-10
   - A634403 Large X-Wide 8-10

5. **Anterior AFO Pre-Cut Splint**
   - Alternative to traditional posterior leaf splint. Provides control of foot posture during waking and eliminates pressure on the malleoli. Fits easily into most shoes and offers a custom fit.
   - Small/Medium
   - Large
   - Pre-Cut - Only
   - Aquaplast-T 3.2mm Solid White
   - A156100 Small/Medium
   - A156101 Large
   - Pre-cut with two self-adhesive straps and plastazote padding
   - Aquaplast-T 3.2mm Solid White
   - A156104 Small/Medium
   - A156105 Large
### Padding Materials

#### 100% Cotton Stockinette

Densely knit tubular bandage that stretches to three times its original size for conformability. Ideal as a removable washable lining for under splints and casts. Latex free. In paediatric sizes.

- **A6605**: 2.1cm x 23m - Roll
- **7447**: 5cm x 23m - Roll
- **7449**: 7.6cm x 23m - Roll

#### Protouch™ Stockinette

Stockinette has moderate stretch for excellent conformability and fit without constriction. Cotton/Polyester. Latex free.

- **A660225**: 5.1cm x 23m - Roll
- **A660325**: 7.6cm x 23m - Roll
- **A660425**: 10.2cm x 23m - Roll

#### Tubipad Stockinette

Features a foam strip laminated to elastic stockinette. Excellent for prevention of pressure sores. Recommended when considering patient comfort and splint tolerance. Provides maximum comfort for splinting patients who are extremely sensitive to heat. Contains latex. Packaged in 4m dispenser.

- **A4351**: 6.4cm diameter x 4m
- **A4352**: 7.6cm diameter x 4m
- **A4353**: 10.2cm diameter x 4m

#### Black Stockinette

Comfortable cotton stockinette to contrast with splinting materials. 22.86m roll. Dispenser box. Latex free.

- **551191**: 5.2cm wide
- **55119103**: 8cm wide

#### Stockinette with Built In Component Anti-Microbial

This soft and stretchable, 100% polyester stockinette contains an odour reducing anti-microbial component. 22.85m roll. Latex free.

- **550761**: 5cm
- **550762**: 7.5cm
- **550763**: 10cm

#### Thumb Splint Liners

Polypropylene Stockinette

An innovative fabric that keeps the skin dry and comfortable. Ideal under splints and casts to reduce skin maceration. Latex free.

- **A4342**: 5cm x 10m - Roll
- **A4343**: 7.6cm x 10m - Roll
- **A4344**: 10cm x 10m - Roll

#### Tubular Bandages for Fingers and Toes

Seamless tubular bandages that can be used as padding or when uniform pressure is needed for oedema control. Apply with applicator. Made from nylon/spandex. Fits most adults. Latex free.

- **A4363** A: 1.6cm x 4.6m - Roll
- **A4371** B: Tubular Bandage Applicator - Each
  Can also be used as a splint tool.
Padding Materials

1. **Terry Foam Padding**
   - Soft terry cloth bonded to self-adhesive foam adds comfort, warmth and breathability when used to line splints. Ideal as an edging material and for other padding applications. Stretches to conform, even in contoured areas. Hand wash, air dry. Latex free.
   - A804100 3.2mm x 46cm x 61cm - 4 sheet case

2. **PPT® Foam Padding**
   - Thin, yet extremely durable padding material. Acts as a shock absorber for tender or hypersensitive areas. Top layer of nylon skin can be washed and is smooth and comfortable to the touch. Open-cell padding. Latex free.
   - A35761 3.2 x 300 x 1520mm - Each
   - A3576 Non-adhesive

3. **Extra Soft Splint Padding**
   - High-density open cell foam features high-viscoelastic impact absorption properties for superior support and uniform pressure distribution. Self-adhesive backing ensures correct placement. Latex free.
   - 553202 6.4 x 460 x 680mm
   - 553203 13 x 460 x 680mm

4. **Sherpa Lining Material**
   - Use to line splint or cover surface of bed or chair to cushion pressure areas. Helps prevent skin breakdown and increase patient comfort. Non-stretch. 100% polyester.
   - Machine wash and dry, Latex free.
   - 554592 910 x 1520mm

5. **Orthopaedic Felt**
   - AA9450 5mm - 4 sheets
   - 09 126 8374 7mm - 4 sheets

6. **Hapla™ Fleecy Foam**
   - Extremely soft self-adhesive padding with a slightly raised felt surface. Can be stretched in one direction to make it more conforming. Ideal for padding bony prominences and around the thumb area of a splint. 100% cotton. Feels like slightly padded moleskin. Latex free.
   - AA9451 22 x 40cm - 4 sheets per case
Padding Materials

1. **Contour Foam**
   - Open cell, slow recovery padding with a memory. Body heat helps mould foam. Ideal for lining splints or for adapting equipment. Durable but soft. Latex free.
   - **Blue - Medium Density**
     - A4881: 9.5 x 410 x 610mm
       - 2 self-adhesive sheets per case
     - A4882: 25 x 410 x 610mm
       - 1 plain backed sheet per case
   - **Pink - Soft Density**
     - A4883: 9.5 x 410 x 610mm
       - 2 self-adhesive sheets per case

2. **Latex-Free Moleskin**
   - Soft, low profile product with adhesive backing. Latex free.
   - 5545721: 23cm x 3.65m - Beige
   - 5545722: 2.5cm x 4.6m - Beige
   - 5545723: 5cm x 4.6m - Beige
   - 554583: 23cm x 3.65m - White

3. **Moleskin Rolls**
   - Standard soft open cell padding with self-adhesive backing. Suitable for lining splints and casts. Contains latex.
   - A4381: 0.8mm x 300mm x 4.6m - Roll
   - A4881: 9.5 x 410 x 610mm
     - 2 self-adhesive sheets per case
   - A4882: 25 x 410 x 610mm
     - 1 plain backed sheet per case

4. **Moleskin Padding**
   - Easy to reposition or replace. Soft, open cell, 3.2mm thick padding material has a self-adhesive backing. Latex free.
   - A7491: 150mm x 5.5m - Roll
   - A7492: 230mm x 3.7m - Roll

5. **Economy Moleskin Rolls**
   - A4382: 0.8mm x 300mm x 4.6m - Roll

6. **Foam Padding**
   - Open-cell foam provides lightweight protection in splints and for other padding requirements. Self-adhesive. Latex free.
   - A7931: 1.3 x 30 x 30cm - 6 sheets per case

7. **Polycushion™ Padding**
   - Use soft foam Polycushion with thermoplastic splints. Also for general padding and for patients who are hypersensitive to heat or pressure. Closed cell. Can be applied to splinting material prior to immersing in water. Self-adhesive. Cuts easily with scissors. Washable. Latex free.
   - A2912: 3.2 x 450 x 610mm - 4 sheets per case
   - A2911: 6.4 x 450 x 610mm - 3 sheets per case

8. **Low-Tack Polycushion™ Padding**
   - Traditional Polycushion with a less aggressive adhesive. Ideal for splints that require frequent padding changes. Low tack padding peels off after application to a splint, without leaving a sticky residue. Closed cell. Latex Free.
   - A2913: 3.2 x 450 x 610mm - 4 sheets per case
   - A2914: 6.4 x 450 x 610mm - 3 sheets per case

9. **Kushionflex™ Padding**
   - Kushionflex is a firm padding that resists bottoming out. Closed-cell, so it can be applied to splinting material prior to immersion in hot water. Self-adhesive. Cuts easily. Washable. Latex free.
   - A4551: 3.2 x 450 x 610mm - 4 sheets per case
   - A455002: 13 x 450 x 610mm - 1 sheet

10. **Clear Gel Padding**
    - For use in gloves, splints and footwear to help disperse the energy of impacts and reduce skin shearing. Cut desired size and shape from the sheet material. We recommend the use of talcum powder to reduce residue and seal with surgical tape. Will not bottom out. Colours may vary. Sold in 250 x 340mm sheets. Range of thicknesses available. Latex free.
    - A731501: 3.2mm - Sheet
    - A731502: 4.8mm - Sheet
    - A731503: 6.4mm - Sheet
Padding Materials

Silipos™ Range
The Silipos gel sheeting products are ideal for the relief of pressure and friction and can be applied to splinting materials or used to line braces, prosthetics, orthotics and sports related padding. The pressure relief padding is also recommended for providing extra cushioning for wheelchairs and is perfect for use with lightweight padding.

1 Pressure Relief Padding™
The 2mm thick gel padding has a 2-way stretch top cover and adhesive backing to securely position in custom made devices. Used to reduce shock and vibration, the Pressure Relief Padding can be used as a replacement for moleskin or orthopaedic felt in total contact casts. 1 roll per pack.
- AA9200E 10 x 91cm
- AA9200F 20 x 91cm

2 Gel Dots
3mm thick by 3cm diameter gel dots with self-adhesive backing impregnated with mineral oil. Used to reduce pressure and friction over specific areas. 15 dots per sheet.
- AA9421

3 Gel Squares™
3mm thick squares of Silipos polymer gel available with or without self-adhesive backing. Contains mineral oils to moisturise dry skin. Can be cut to desired size. 2 pieces per pack.
- AA942201 Self Adhesive 10 x 10cm
- AA942202 Non-Adhesive 10 x 10cm

4 Gel-E-Roll
An elastic bandage coated one side with a layer of Silipos polymer gel. Conforms to the body, but moves with the skin to reduce friction. Ideal to reduce scar tissue, provide compression or for cold therapy. 1 roll per pack.
- AA9423

5 Carpal Gel Sleeve
A gel pad moulded to a sleeve designed to cover carpal tunnel scars and contour with the palm. Insulates against shock and vibration. Can be worn directly over sutures, in splints and gloves. Pack of 1.
- AA942401 Left Small
- AA942402 Right Small
- AA942403 Left Large
- AA942404 Right Large

6 Gel Pads
Same as the pad in the carpal gel sleeve but with self-adhesive backing. Can be added to splints and braces. 3 pads per pack.
- AA942405 5cm x 15.24cm - 3 Pads per Pack

7 Gel Shell Pads
Rolyan
Use to cushion, protect and help disperse pressure over injuries and bony prominences. Softens and desensitises hypertrophic and surgical scarring. Can be used to customise splints and orthotic devices. Self-adhesive backing and hand washable with soap and water. Not suitable for application to skin or over open wounds.
- A847900 11 x 23cm - Sheet

8 Elasto-Gel™ Cast and Splint Pads
Soft, protective, absorbent hydrogel that provides excellent protection against pressure, friction and skin maceration. Each gel pad is covered with a four way stretch fabric that allows the pad to conform intimately to the skin, reducing splint migration and discomfort. Adheres gently but firmly to dry skin. Sterile. Individual pads are 3.2mm thick.
- A5273 10 x 10cm - Box of 25
- A5274 15 x 20cm - Box of 5
- A5275 30 x 20cm - Box of 5
Strapping Materials

1. **Self-Adhesive Securable II Straps**
   - Soft, non-stretch straps made of 3.2mm padded loop material and self-adhesive hook. In packs of 10.
   - White | Beige  
   - A2931 | A2932 2.5 x 36cm - Pack  
   - A2935 | A2936 5 x 36cm - Pack

2. **Self-Adhesive Foam-2 Straps**
   - Strapping material is made of a comfortable 6.4mm thick foam with loop fabric on both sides and self-adhesive hook.
   - A314301 2.5 x 36cm - Pack of 10  
   - A3143 5 x 36cm - Pack of 10

3. **Velfoam™ II Velstrap™**
   - A ready-made, soft, padded strap of 25cm x 5cm. Velfoam II and 10cm x 2.5cm, self-adhesive Velcro® hook. Peel off backing paper and press in place. Pack of 10.
   - 701902

4. **D-Ring Straps**
   - Long lasting nylon allows adjustable strap tension. Hook portion mates completely with loop - no exposed hooks to catch on clothing. May be glued to splinting materials. Pack of 10.
   - 2.5cm Wide  
     - White | Beige | Length  
     - A2883 | A2886 36cm  
     - A28813 | A28816 46cm  
     - A28814 | A28817 56cm  
   - 5cm Wide  
     - White | Beige | Length  
     - A2887 | A28810 36cm  
     - A2888 | A28811 46cm  
     - A2889 | A28812 61cm

5. **Self-Adhesive Securable D-Ring Straps**
   - Sturdy yet extremely comfortable padded, non-stretch straps. Self-adhesive to attach quickly and securely. Pack of 10. For light to medium use.
   - A2939 2.5 x 38cm  
   - A29311 2.5 x 46cm  
   - A29310 5 x 38cm  
   - A29312 5 x 46cm

6. **Self-Adhesive D-Ring Straps**
   - Special D-Ring Straps feature a nylon D-Ring and nylon loop and hook. Self-adhesive portion holds strap in place securely. Pack of 10. For medium to heavy use.
   - A3149 2.5 x 30cm  
   - A31411 2.5 x 46cm  
   - A31410 5 x 30cm  
   - A3148 5 x 38cm  
   - A31412 5 x 46cm

7. **Strap Pads**
   - Increase comfort and distribution of pressure. Accommodate a 2.5 or 3.8cm strap. Made of 6.4mm foam laminated to loop fabric on both sides. Hand washable. Pack of 10. Latex free.
   - A5392 5 x 8cm  
   - A5391 5 x 10cm
## Strapping Materials

### Velcro® brand Hook and Loop

This high quality Velcro brand hook and loop offers superior, adjustable closure over a long life cycle. Ideal for everyday, long term use on medical applications such as splints, casts and equipment.

Available as sew-on or with self-adhesive. The quick setting rubber based adhesive backing can be used on a variety of surfaces including steel, plaster and textiles. The tape can be washed or dry cleaned.

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Strapping Materials

Velcro® brand Self Adhesive Hook

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Velcro® brand Self Adhesive Loop

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Strapping Carousel

Rolyan

Helps organise and conveniently dispense your assortment of hook and loop materials. Accommodates strapping materials with or without centre cores. Roll size can vary from 4.6m to 25m. Carousel can hold a maximum of 14 x 25mm rolls, or a combination of 13mm to 178mm widths. Carousel sits on table/countertop - or save work space by mounting unit on wall. Brackets for wall mounting sold separately. Dimensions are 410 x 460 x 570mm. Strapping sold separately.

A2901 Rolyan Strapping Carousel (includes 6 partitions)
A2902 Wall Brackets - Pair
A2903 Extra Partition - Each
Strapping Materials

1. Velcro® brand One-Wrap® Continuous Tape
Re-usable hook and loop tape featuring the patented Ultra Mate low profile hooks, which give consistent strength and infinite adjustability. This fabric fastener will not separate or delaminate, no adhesive is used and the hook and loop elements are integrally fused. The soft fabric loop is comfortable if worn close to the skin. The continuous tape creates no costly wastage - you just cut the tape to create the strap size you require. White only.
AA9468A 25mm x 10m
AA9468B 50mm x 10m

2. Velcro® brand Thin Strapping Material
Soft pile loop fabric. Very thin - an excellent choice for strapping between fingers or in paediatrics splinting. Mates with standard hook or HTH hook.
A80980 13mm x 9m

3. Velcro® brand Self-Adhesive HTH Hook
Flexible plastic hook doesn’t attract lint and seldom snags clothing. Mates with all loop and soft strapping materials. Translucent material blends with any colour of splint or strapping material. Sold in a manufacturer’s box.
A34024 25mm x 23m A34022 25mm x 9m
A34025 50mm x 23m A34023 50mm x 9m

4. Velcro® brand Self-Adhesive Tabs
A3400

5. Velcro® brand Self-Adhesive Coins
These coins can be used as a set to create a secure closure or in conjunction with the appropriate hook or loop tape. Gives you flexibility to create suitable straps and ties for a wide range of clinical and medical applications. White only.
AA9469H Hook 22mm Diameter 200 pack
AA9469L Loop 22mm Diameter 200 pack

6. Velcro® brand Clear Tabs
Self-adhesive hooks compatible with all loops. Apply quickly and securely. Blends with any color splinting material. Does not pick up lint or snag clothing. Packaged on roll for quick dispensing. Latex free.
09 142 5107 2.5 x 6.4cm 120 pack
09 142 5115 1.9 x 4.5cm 180 pack

7. Velcro® brand Rapid Strap™ kit
Allows you to adjust straps to any length you need – without sewing. This versatile system lets you attach the hook tip and D-ring onto the loop strapping using the unique double hook grip fastener.
The RAPID STRAP System includes:
• 5m of sewn Double Faced Loop
• 5m of Laminated Double Face Loop
• 10 double hook grip tips
• 10 double hook D-rings
09 131 7452 Rapid Strap 25mm
09 131 7460 Rapid Strap 50mm
1. **SoftStrap™ Strapping Material**
   - Soft, non-stretchable 6.4mm thick strapping material with sealed side edges for increased durability. Both sides and the centre layer are loop fabric laminated to foam. Mates with standard and HTH hook. Sold in a dispenser box.
   - A34960 2.5cm x 9m
   - A34961 5cm x 9m

2. **Securable Strapping Material**
   - Pile loop fabric on one side and nylon tricot fabric on the other side, laminated to 3.2mm foam padding. Soft, non-stretching and washable. Compatible with standard and HTH hook.
   - Sold in a dispenser box.
   - White
   - Beige
   - A8091 A8096 2.5cm x 9m
   - A8095 A8094 3.8cm x 9m
   - A8092 A8097 5cm x 9m
   - A80915 A80916 2.5cm x 23m
   - A80914 A80918 5cm x 23m

3. **Securable II Strapping Material**
   - Features soft pile loop fabric laminated to both sides of foam padding. This double laminating provides over 1,000 closures, making it an excellent choice when a soft, non-stretching, durable strapping material is desired. Sold in dispenser box.
   - Royal Blue/
   - White
   - Beige
   - A80990 A8098 A8099 2.5cm x 9m
   - A80992 A80910 A80911 3.8cm x 9m
   - A80991 A80912 A80913 5cm x 9m
   - A80919 A80920 2.5cm x 23m
   - A80922 A80921 5cm x 23m

4. **Stretch Elasticised Loop**
   - Stretchable loop gives secure closure. Loop attaches to standard and HTH hook. Comfortable and durable. Sold in a dispenser box.
   - White
   - Beige
   - A34916 A34917 1.6cm x 9m
   - A34914 A34920 2.5cm x 9m
   - A34915 A34921 5cm x 9m
   - A34910 A34912 2.5cm x 23m
   - A34911 A34913 5cm x 23m

5. **Foam-2 Strapping Material**
   - Comfortable 6.4mm thick foam padding with loop fabric on both sides. Strong, yet soft. Mates with standard and HTH hook.
   - Beige
   - White
   - Blue
   - Sold in a Bag
   - A3498 A3497 A34950 2.5cm x 4.6m
   - A3499 A34951 5cm x 4.6m
   - Sold in a Box
   - A3492 - - 5cm x 4.6m
   - A3493 - - 15cm x 4.6m

6. **Wrap Strapping Material**
   - Strong yet soft strapping material with loop on both sides. Stitching on both edges provides reinforcement and prevents fraying. Sold in a bag.
   - A389140 5 x 13.7m

**HINTS & TIPS**
- Strapping is critical for correct splint position, application and removal.
- Straps should be wide enough to distribute pressure.
- To provide a secure bond between the thermoplastic and the strapping quickly heat the self-adhesive backing and the thermoplastic with a heat gun and attach.
Heat Pans

Heat Pans (220-240 VOLT) Rolyan
Constructed of durable stainless steel with hinged lid and perforated tray. Thermostatically controlled with a concealed heating element. Recessed handles facilitate moving from one location to another. Ideal for working with heat activated thermoplastic materials. Available in four sizes.

- A new hinged lid which guarantees no water is spilt outside the heat pan
- More conveniently placed handles
- Latching Switch
- Compliant to the European Electromagnetic Compatibility Directive (EMCD)
- Two year warranty as standard
- Should never be switched on without water
- Open the lid slowly to avoid water splashing

5L Compact with Hinged Lid Rolyan
-- NEW MODEL --
small and compact but with thermostat to regulate temperature

Dimensions:
Internal: External:
Height: 65mm Height: 145mm
Length: 310mm Length: 540mm
Width: 280mm Width: 330mm
Weight: 4kg
New model with single hinged lid and siphon

09 144 1781

28L Deep with Hinged Lid Rolyan
-- NEW MODEL --

Dimensions:
Internal: External:
Height: 200mm Height: 260mm
Length: 620mm Length: 660mm
Width: 500mm Width: 540mm
Weight: 10.8kg
New model with single lift off lid and integral tap

AA9403

56L Deep with Hinged Lid Rolyan
-- NEW MODEL --

Dimensions:
Internal: External:
Height: 200mm Height: 290mm
Length: 540mm Length: 620mm
Width: 330mm Width: 500mm
Weight: 18.3kg
New model with double lift off lid and integral tap

AA9405
Digital version of our 9L heat pan, without having to worry about the heating elements overheating. A built-in safety sensor automatically turns off the heating elements when the water level is too low, ensuring a longer working life of the machine.

1. **9L Digital Shallow with Hinged Lid** - Rolyan
   -- NEW MODEL --
   Dimensions:
   Internal:  
   Height: 65mm  
   Length: 500mm  
   Width: 300mm  
   Weight: 5kg
   New model with single hinged lid and siphon
   AA9413

2. **9L Shallow with Hinged Lid** - Rolyan
   -- NEW MODEL --
   Dimensions:
   Internal:  
   Height: 65mm  
   Length: 500mm  
   Width: 300mm  
   Weight: 5kg
   New model with single lift off lid and siphon
   AA9413

3. **Heat Pan Liners** - Rolyan
   Protects heat pans while allowing easy transfer of splinting materials. Non-stick liners prevent materials from adhering to heat pan bottoms.
   A530N 38 x 61cm  
   A530NS 23 x 38cm

4. **Nylon Spatula**
   Made from high density resin (nylon) and is heat resistant up to 204°C. Ideal for retrieving splinting materials from a heat pan and minimises scratches, saving scissors from corrosion.
   7475

5. **Heat Pan Cart** - Rolyan
   Top shelf designed to securely hold large heat pans. Bottom shelf will hold splintmaking tools as well as 61 x 91cm sheets of splinting material. Durable, will not dent or chip. Easy to clean leak-proof shelves. Features swivel wheels at the handle end of the cart for easy transportation. Cart: Height 65.7cm. Length 114.9cm. Width 65.7cm.
   A5311
**Heat Guns**

1. **Steinel™ Hot Air Gun with LCD Display - HG2310LCD**
   - Top of the range, sturdy hot air gun with variable temperature and airflow, LCD display and stand. The built-in safety stand on this heat gun allows clinicians to use both hands to manipulate splinting materials when needed.
   - AA942603

2. **Steinel™ Hot Air Gun - HL1910E**
   - Hot air gun with variable temperature 9 stage dial. The variable temperature control dial allows users to adjust temperatures between 50°C and 600°C. Compact and lightweight construction.
   - AA942604

3. **Air Gun Nozzles**
   - Using the nozzles on the Steinel air guns increases the possibilities of splinting and finishing. Please note, all nozzles can be used with all heat guns.
   - AA942605  A Reduction Nozzle  9mm
   - AA942606  B Reduction Nozzle  14mm
   - AA942607  C Reduction Nozzle  20mm
   - AA942608  D Reflector Nozzle Standard
   - AA942609  E Surface Nozzle  75mm
**Tools & Accessories**

1. **Splinting Kit**
   Multi-purpose plastic storage case. Top compartment stores larger tools. Four removable translucent drawers allow full visibility of supplies. Tools and accessories not included.
   A37135

2. **Tool Pouch**
   Compact tool organiser has eleven pockets that hold tools of various sizes. An acrylic measuring board is included to measure splint patterns and help safely score splinting materials with a utility knife. Made from tear resistant, waterproof nylon fabric with vinyl trim. Tools not included.
   A37119

3. **Screwdriver Set**
   Six tools in one convenient handle. Includes four screwdrivers: No.1 Phillips, 6.4mm flathead, 4.8mm flathead, 3.2mm flathead, a scratch awl, and one T-15 TORX. Use straight out or at a right angle.
   A37139

4. **Allen (Hex) Key Set**
   Compact, sequentially sized allen key set containing eight Allen Keys, sizes: 1.3mm, 1.6mm, 2mm, 2.4mm, 2.8mm, 3.2mm, 3.4mm, 4mm. Ideal for easy adjustment to Rolyan outriggers.
   A37113

5. **Scratch Awl**
   Ideal for tracing patterns onto splinting material. Allows for fast, accurate, cosmetic drawing of splint patterns. Trace will not disappear when splinting material is immersed in water.
   927211

6. **Splint Pattern Marker**
   For tracing patterns onto splinting and thermoplastic material. Marks stay on when immersed in water. Yellow in colour.
   A37147
   - Pack of 12
   A37147-02
   - Pack of 2

7. **Edge Finisher**
   Quickly smooths thermoplastic splint edges for a finished professional appearance.
   A37142
   Replacement Blade
   A37143

8. **Cutting Mat**
   Perfect for protecting work surfaces from being scratched by utility knives, scissors or drills. Reversible with durable three layer construction. One side is marked in 2.5cm increments. Clean with soap and water. Measures 45.5 x 61cm.
   553228

9. **Medicool Cold Spray**
   Spray from a distance of about 15cm for a maximum of 5 seconds. Repeat if necessary.
   600-100 300ml

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*Image of tools and accessories are not illustrated.*
Splinting

1. Fiskars™ Non-Stick Scissors
Cuts through glue, tape and other adhesives without damaging the blades. Sticky material can be wiped off easily with damp cloth. Offset handles of large scissors increase cutting efficiency on flat surfaces. Small version is ideal for arts, crafts and cutting in small places.

- 553233: 12.7cm Universal
- 553232: 20cm Right Handed

2. Super Shears
Excellent for trimming splints evenly as hardening begins. Double plated chrome over nickel. Length 20cm.

- A3715: Right Handed

3. Curved Scissors
Curved scissors that cut curves easily to the right or left. Heavy duty chrome plated. Use on warm splinting material. Length 20cm.

- A3714: Right Handed

4. Fiskars™ Scissors
High quality, ultra lightweight, stainless steel scissors. Ideal for cutting heated splinting materials. Leaves a smooth edge. 20cm long.

- 727301: Right Handed
- 727302: Left Handed

5. Unlimited Scissors
Powerful leverage for greater mechanical advantage. Cuts unheated thermoplastic splinting material and metal. Flexible non-stick handles for a comfortable grip. 4cm blades.

- A37146: Right or Left Handed

6. Curved Mayo Scissors
Highest quality German stainless steel. 1.3cm slant design on the cutting surface provides excellent force while increasing patient safety during cast removal. Length 9cm.

- A37130: Right or Left Handed

7. Cast Scissors for Serial Finger Casts
Highest quality German stainless steel. 1.3cm slant design on the cutting surface provides excellent force while increasing patient safety during cast removal. Length 9cm.

- A37130: Right or Left Handed

8. Esmarch Plaster Scissors
High quality German stainless steel cast scissors are ideal for cutting the inner layers of plaster or synthetic cast materials. Feature a 15cm handle for excellent leverage and a slanted 6cm blade for increased patient safety. Total length 20cm.

- A6684: Right Handed

9. Bandage Scissors
18cm stainless steel blades with plastic tip. Ideal for fracture brace trimming.

- A37190: Right Handed or Left Handed
1. All-Purpose Snips
All-Purpose Snips feature a stainless steel spring, positive safety latch, plus comfort grip handles for maximum handling ease and power. High quality stainless steel blades cut a wide variety of materials. Useful for cutting low-temperature thermoplastics at room temperature. Latex free.
7275 Right or Left Handed

2. Fiskars™ Softouch™ Scissors
Offset handle makes cutting on flat surfaces easy. Oversized cushioned handles distribute pressure evenly and allow use of the whole hand. Blades open after every cut due to a gentle spring action that helps reduce hand fatigue. Scissors can be stored safely by securing the blades with the easy-slide lock. Ideal for individuals with cumulative trauma disorders and arthritis and for people who use scissors frequently.
6029 Right or Left Handed

3. Heavy-Duty Wire Cutters
Excellent for cutting outrigger wire and for trimming the extender rods on the Rolyan Adjustable Outrigger. Plastic coated handles improve comfort. Length 22cm.
A37112

4. Needle Nose Pliers
Drop-forged steel pliers with highly hardened cutting edges. Rubber coated handles. Length 15cm.
A662NP Right or Left Handed

5. Deluxe Revolving Hole Punch
Quality revolving punch has a side spring that automatically adjusts tubes in position for punching. Made of forged steel for years of reliable service. Total length 22cm. Throat depth is 3.8cm.
A4452
Replacement Tubes
A4453 2.4mm Tube
A4454 2.8mm Tube
A4455 3.2mm Tube
A4456 4.0mm Tube
A4457 4.4mm Tube
A4458 4.8mm Tube

6. 90° Wire Bender
Ideally suited for bending copper wire (A4592, A45920 and A45921) used for dynamic outriggers. Vinyl cushion grips are comfortable and reduce stress to the hand.
A37132
1. **Outrigger Wire**
   Finest quality copper coated steel welding rod. Bends easily with pliers or the 90° Wire Bender (page 219). Ideal for making outriggers. 12 x 91cm lengths per pack.
   - A45921 1.6mm
   - A4592 2.4mm
   - A45920 3.2mm

2. **Spring Wire**
   16.5 gauge wire available in 18m reel. Recommended for dynamic splinting of PIP joints. Wing nut brake in reel provides easy handling. Use with wire bending jig below. Wire width 0.98mm.
   - A4931 Reel

3. **Bending Jig**
   Recommended for 16.5 or 17 gauge spring wire (A4931). Constructed of aluminium and steel. Includes four screws for fastening to large base.
   - A4811

4. **Strap Rivets**
   Two part plastic rivets with washers. Designed to give a broad surface area when riveting Plastazote sheets.
   - AA9445 Box of 500

5. **Rapid Rivets**
   Binds together fabrics, plastics and other materials. Rivets are easily and quickly assembled and can be unscrewed to remove. Large 9.5mm diameter head fits 6.4mm hole. White in colour. Pack of 100.
   - 772901 Length 6.4mm
   - 772902 Length 9.5mm

6. **Finger Rivets**
   Lightweight yet stress resistant. For temporary or permanent attachment of hinges or straps. Width 6.4mm. Shaft length 6.4mm.
   - A3674 50 sets

7. **Aluminium Screw Rivets**
   For fastening a strap to an orthosis. All sizes take a 3.2mm hole. Can be set inside and hammered until the rivet lies flat with the material. Pack of 100.
   - Size Diameter Length Grip Range
   - 7767 Small 6.4mm 4mm 3.2-4.7mm
   - 7768 Medium 4mm 4.7mm 4.5-5.5mm
   - 7769 Large 4mm 11mm 4.7-6.0mm

8. **Finger Hooks**
   6.4mm steel hooks can easily be bent and glued to fingernails. Use with rubber bands for dynamic splinting.
   - A4281 Pack of 100

9. **Wrap-On Finger Hooks**
   Alternative to gluing hooks directly onto fingernails. Great for use with burn patients and amputees as well as people with sensitive nail beds and general hand trauma. Made of thin strapping material and lined with slip resistant material to help prevent migration. Secure to finger tips with a hook strap. Adequately sized for large fingers; easy to trim to fit any size.
   - A4283 Pack of 5
**Nylon D-Rings**
2.5cm and 5cm D-Rings made of strong Zytel nylon. Provide leverage to control strap tightness. Can be adjusted as needed.

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<tr>
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**Chafe Rivets & Loops**
Simple and easy to affix to a customised orthotic. Pack of 25.

- **White nylon plastic chafes** moulded onto nickel plated steel ring - easy to rivet, designed to be used with front straps for secure fastening on AFOs and other devices welded metal ring for extra strength.
- **Metal rings** - nickel plated steel rings - welded for extra strength.
- **Plastic rings** - medical nylon rings with curved arms to give extra adjustability and elasticity when straps are being tensioned.

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<tr>
<td>09 117 5348</td>
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**Spring Holders**
Efficient means of securely attaching springs to dynamic splints. Simply punch or drill a hole in the splint, screw post in place and attach springs.

| Code   | |
|--------| |
| A2874 A | Pack of 10 |

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**Rubber Band Posts**
Convenient method for attaching rubber bands to dynamic splint bases. Punch or drill a hole in the splint, screw post in place and attach rubber bands.

| Code   | |
|--------| |
| A2873 B | Pack of 10 |

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**Individual Line Guides and Polyform™ Attachment Pieces**
Can be used to create a small pulley for dynamic splinting. Untreated Polyform material attachments bond easily to splinting materials.

| Code   | |
|--------| |
| A1791 | Pack of 10 |

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**Elastic Cord**
For use in dynamic splinting, this 1.6mm diameter elastic is a great alternative to rubber bands. Softer than rubber bands, the cord slides easily over outriggers. Sold in 9.1m roll.

| Code   | |
|--------| |
| 927213 | |

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**Outrigger Line**
Extra-strength nylon line will not stretch. Slides smoothly across pulleys. Latex free.

| Code   | |
|--------| |
| 741803 | 4.5kg 594m |
| 741804 | 9kg 247m |
| 553280 | 13.6kg 165m |
Save time in splint fabrication by eliminating the need to tie monofilament to finger loops. Achieve precise traction forces quickly by sliding the monofilament through the aluminium connecting pieces. Change the amount of force by simply attaching a rubber band or graded spring. Saddle style sling design will accommodate oedematous fingers. Finger loops are closed at top and slings are open. All loops made from ultra-suede material. Pack of 10.

**Tension Adjustable Finger Loop**

- **A44410**  76mm
- **A44411**  102mm

**Aluminium connecting pieces**

Hold monofilament in desired position. Adjustments can be made quickly by sliding monofilament through holes in connecting piece. Accommodate a single strand of monofilament. Commonly used with finger loops. 18kg test.

- **A17951**  Pack of 50
- **A17952**  Pack of 50

**Ready to use with outriggers. Made of soft, comfortable ultra-suede with nylon ties. Finger sling measures 2.2 x 7.5cm, may be trimmed for proper fit. Hand wash and air-dry. Pack of 10. Latex free.**

**Pre-Tied Finger Slings**

- **7788**

**Washable, breathable ultra-suede material is easily trimmed. Eyelets for ease in attaching monofilament or elastic lines. Width 2.2cm. Pack of 10. Latex free.**

**Sup-R-Soft™ Finger and Thumb Slings**

- **7799**  Length 76mm
- **779801**  Length 102mm

**These finger cuffs are made of soft foam for client comfort. Pre-punched holes for easy attachment of rubber bands or outrigger line. Can be trimmed for proper fit. Cuff measures: Length 5cm. Width 2.5cm. Latex free. Sold in packs of 10.**

**Soft Finger Loops**

- **7791**  Finger Slings - Pack of 100
- **7793**  Finger Loops - Pack of 10

**Lightweight plastic with a cloth interface. Finger slings and loops are 2cm wide. Finger slings have a reinforced pre-punched eyelet. Easily trimmed. Tan. Latex free.**

- **7791**  Finger Slings - Pack of 100
- **7793**  Finger Loops - Pack of 10

**FoamWrap™ Slings**

Slings feature non-slip foam for secure hold even on the distal phalanx. Adjustable length cuffs fit every splinting need with three lengths. (6.25cm, 9.5cm, 10.8cm).

- **553220**  Pack of 10
- **553221**  Pack of 25
**Rubber Band Assortment**

Assortment includes eight commonly used sizes of rubber bands. Each pack contains 28g. Contains latex.

**A726A** Pack

**Individual Rubber Bands**

Each bag contains 85g of one size.

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<td>C</td>
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<td>1.6mm</td>
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<td>D</td>
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<td>H</td>
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**Graded Springs**

Quality stainless steel graded springs are designed for consistent and controlled force of traction in dynamic splinting. Forces applied by the springs are identified every 6.4mm increment that the springs are stretched.

**2.5cm Graded Springs - Pack of 5**

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**5.1cm Graded Springs - Pack of 5**

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**Webbing and Metal Buckles**

**Webbing**

White polyester webbing, 23m roll. Non elastic.

- A5143 25mm
- A5144 38mm
- A5145 50mm

**Metal Buckles**

For use with webbing. Patented buckles have no exposed points to harm clothes or skin. Pack of 25.

- 09 117 5330 25mm
- 09 117 5363 50mm
Achieve end range flexion of the MCP, PIP and DIP joints simultaneously. Merit™ Static-Progressive Component can be used with a single finger or modified to accommodate multiple digits by adding additional Merit components of the MCP or the IP joint of the thumb. Delivers sustained controlled stretch to maximise end range. (Mid-range flexion of each joint splinted is required). Kit includes pre-cut splint of 1.6mm electric blue Watercolors™ splinting material, Merit™ Static-Progressive Component, splint line, line guides, line crimps, hook-and-loop straps. Electric blue Watercolors™ splinting material is for finger sling fabrication. To determine size, measure full width across palm at palmar crease.

A5791  Small  Up to 9.5cm
A5792  Large  Over 9.5cm

Merit™ Final Finger Flexion Kit
Includes components to use on one finger: finger wraps with monofilament, line guide, tension-adjustable connecting piece and two tension adjustment strips. Splinting materials sold separately.

A572002  Set for 1 finger

Biodynamic™ Flexion/Extension Component
Ideal when one or two digits are involved. Individual units feature small pre-bent outriggers that can be placed over the metacarpals or on the fingers. Each outrigger holds one rod adjuster and extender rod unit for precise positioning of the MCP, PIP or DIP joint in flexion or extension. Kit includes five pre-bent outriggers, rod adjusters, rods, tip protectors, 10cm tension-adjustable finger loops, D-Ring straps for rubber band or graded spring attachment and an allen key. Splinting material and straps sold separately.

A6012  Kit

Pre-Bent Outriggers
For placement over the metacarpals on the fingers.
553235  Pack of 5

Outrigger Line Connectors
Provide a professional and time efficient means of attaching finger loops or slings to outrigger line, eliminating the need to tie knots. Insert the line through the connector and crimp with pliers. Can accommodate 3.6 to 18kg outrigger line. Pack of 100.

A8072

Adjustable Outrigger Replacement Accessories
Individual components for dynamic splinting now available.

A6013  Complete Kit  5 of Each
553284  A  Tip Protectors  Pack of 25
553234  B  Extender Rods  Pack of 5
09 118 2575  C  Rod Adjusters  Pack of 25
1. **Starter Kit**
Includes one of each outrigger, one of each multi-digit outrigger bar, two packs of pre-tied finger slings, and one pack each of line guides, wing nuts and thumb screws.

2. **Individual Outrigger Components**
For designing and building a customised outrigger system. A wide choice of outrigger accessories for those making dynamic splints.

   **Outriggers - Pack of 3**
   - A: Outrigger 13cm Straight
   - B: Outrigger 13cm Curved
   - C: Outrigger 13cm Curved with Foot
   - D: Outrigger 18cm Straight
   - E: Outrigger 18cm Curved
   - F: Outrigger 18cm Curved with Foot

   **Other Components**
   - G: Straight Multi-Digit Outrigger Bar - 5cm Pack of 2
   - H: Curved Multi-Digit Outrigger Bar - 10cm Pack of 2
   - I: Wing Nuts - Pack of 5
   - J: Outrigger Line Guides - Pack of 10

3. **Line Loc**

4. **Phoenix Slotted Pulleys**
Pulleys give quick and precise adjustments for alignment and 90° angle of pull. Includes hex wrench.

   - A: Pack of 5

5. **Outrigger Accessory Kit**
Contains five line guides, three wing nuts and five thumb screws. Ideal for all dynamic splinting purposes.

A60128
**Tools & Accessories**

**Splinting**

**1. Flexor Tendon Repair Kit**  
Rolyan  
Designed to save time in splint fabrication following flexor tendon repair. Includes a pre-cut dorsal blocking splint blank, line guides with attachment pieces, fingernail hooks, elastic thread for dynamic traction and straps. One strap includes a strap pad and has four eyelets for securing the elastic thread. For size, measure the width of 2nd to 5th MCP.  
Polyflex II  
A8324  Small  Up to 8.9cm  
A8326  Medium  8.9-11.4cm  
Aquaplast-T  
A832007  Small  Up to 8.9cm  
A832008  Medium  8.9-11.4cm

**2. Elastic Thread**  
Rolyan  
Ideal when a low magnitude of traction force is necessary. 2.6 x 157.5cm strip is easily separated into fine threads. Contains latex.  
553236

**3. Adjustable Outrigger Kit for Extension**  
Rolyan  
Designed for low profile dynamic splinting. Fully adjustable to accommodate extension of the MCP, PIP or DIP joints. Detachable rod adjusters allow individual positioning of fingers. Extender rods are secured in the rod adjusters to position the 10cm tension adjustable finger loops for the desired MCP, PIP or DIP extension. Convenient hook and D-Ring attachment provide ease of attachment and replacement of rubber bands or graded springs. Multiple finger kit fits most adult hands. Outrigger comes in a complete kit and can be used with all low temperature splinting materials. Splinting materials, straps and springs available separately.  
A6011  Kit

**4. Adjustable Outrigger Kit for MCP Flexion**  
Rolyan  
Provides ample space for four finger rod adjusters, yet does not limit thumb motion. An optional thumb positioner can be applied to the vertical bar of the outrigger. Extender rods and rod adjusters are simple to apply and adjust. Kit comes with two pre-bent outrigger wires, five each of the rods, tip protectors, rod adjusters, 10cm tension adjustable finger loops, a self-adhesive D-Ring strap for rubber band or graded spring attachment, and complete fabrication instructions. Material for static base, rubber bands, and straps sold separately.  
A8321  Kit
**Saebo Stroke Rehabilitation**

Saebo provides innovative rehabilitation products for individuals suffering from neurological injuries such as strokes.

**SaeboFlex**

The SaeboFlex allows individuals suffering from neurological impairments such as stroke the ability to incorporate their hand functionally in therapy and at home by supporting the weakened wrist, hand, and fingers. The SaeboFlex is an orthosis that is non-electrically based and is purely mechanical. The SaeboFlex positions the wrist and fingers into extension in preparation for functional activities. The user is able to grasp an object by voluntarily flexing his or her fingers. The extension spring system assists in re-opening the hand to release the object.

**SaeboReach**

The SaeboReach incorporates the affected wrist and hand as well as the elbow. The orthosis consists of the SaeboFlex and an above-elbow component. The SaeboReach is ideal for neurologically impaired individuals that have hand and elbow involvement. The above-elbow cuff, as well as the dynamic elbow extension system, allows patients to incorporate their elbow for functional reach during grasp and release activities. The SaeboReach orthosis, along with repetitive, task oriented activities, is a highly effective strategy for maximizing arm and hand recovery.

**Saebo Gear**

The SaeboGear collection pictured bottom right comprises of (clockwise) the Four-Tier Ball Activity, the Height Adjustable Target, the Multi-Purpose Exercise Device and the Five-Ball Peg Activity.
Dynamic Splinting Kits

1. **Single Finger Extension Kit**
   Includes 13cm curved outrigger with foot, two line guides, three thumb screws, and a pre-tied finger sling. Splinting material, rubber bands and straps are sold separately.
   7690

2. **Thumb Extension Kit**
   Includes 18cm curved outrigger, line guide, two thumb screws, and a pre-tied finger sling. Splinting material, rubber bands and straps are sold separately.
   A60132

3. **Multi-Digit Extension Kit**
   Includes 13cm curved outrigger with foot, 10cm curved multi-digit bar, four line guides, three thumb screws, one wing nut, and four pre-tied finger slings. Splinting material, rubber bands and straps are sold separately.
   7691

4. **Multi-Digit Flexion Kit**
   Includes curved outrigger, 5cm straight multi-digit bar, four line guides, three thumb screws, one wing nut, and four pre-tied finger slings. Splinting material, rubber bands and straps are sold separately.
   7692 with 13cm curved outrigger
   A60133 with 18cm curved outrigger

**Digitec Outrigger System**
- A great system for customised dynamic splints!
- Available as individual components and convenient kits that include all the components necessary for one splint
- Interchangeable components facilitate designing a splint for each situation
- Lightweight aluminium outriggers can be customised quickly and simply
1. **Phoenix Outrigger Kit**
   - Comprises of equipment needed to fabricate a dorsal splint that places the MCP’s in extension
   - A slotted pulley system allows precise adjustments to obtain the proper line of pull for each digit
   - The outriggers can be bonded onto any thermoplastic material base
   The kit includes: dorsal and radial outrigger bars, four 76mm pre-tied finger slings, three 76mm finger slings with grommets, hex wrench, four slotted pulleys, rubber band post and instructions. Splint base, strapping materials and traction component sold separately.
   927201

2. **Phoenix Extended Outrigger Kit**
   - Comprises of equipment needed to fabricate a splint for radial nerve palsy
   - The outrigger is then mounted on a custom-made, low profile dorsal splint
   - Adjustable pulleys position the wrist and MCP joints in extension, allowing hand function
   The kit includes: wire support, five 76mm pre-tied finger slings, hex wrench, four slotted pulleys, rubber band post and instructions. Splint base, strapping material and thumb rivets sold separately.
   927202

3. **Phoenix Single Finger Outrigger**
   - Enables quick fabrication of dynamic extension or flexion finger splints
   - Ideal when only one or two digits are involved
   - Slotted pulleys adjust to maintain the critical 90° angle of pull
   The kit includes: five outriggers with removable slotted pulleys, five pre-tied finger slings, five rubber band posts and hex wrench. Splint base, strapping, rubber bands and springs sold separately.
   A6076

4. **Phoenix Wrist Hinge**
   - Low profile dynamic wrist extension assist
   - Used to reduce wrist flexion contractures or when wrist extension is decreased or absent
   - Allows both active and dynamic wrist flexion or extension
   - Degree of extension adjusted by altering the length and force of the elastic component
   The kit includes: 100mm aluminium wrist unit, three binding head screws with thumb nuts, ten adjustable nylon fasteners, hex wrench and instructions. Attach to thermoplastic base. Splint base, strapping and elastic components sold separately.
   927203
Dynamic Splinting Kits

1 Pre-Formed Adjustable Extension
Outrigger Splint

Designed for low profile dynamic splinting. Ideal for any condition requiring digital extension such as post MCP replacement or following radial nerve injury. Accommodates MCP, PIP or DIP joints. Includes five No.14 (50mm) rubber bands and five size F gold springs (250-795g). To determine size, measure width of 2nd to 5th MCP. Some assembly required. Colours may vary.

<table>
<thead>
<tr>
<th>Left</th>
<th>Right</th>
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<tbody>
<tr>
<td>A60171</td>
<td>A60172</td>
</tr>
<tr>
<td>X-Small</td>
<td>7.6-8.3cm</td>
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<tr>
<td>A60173</td>
<td>A60174</td>
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<tr>
<td>Small</td>
<td>8.4-9.5cm</td>
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<tr>
<td>A60175</td>
<td>A60176</td>
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<tr>
<td>Medium</td>
<td>9.6-11.4cm</td>
</tr>
<tr>
<td>A60177</td>
<td>A60178</td>
</tr>
<tr>
<td>Large</td>
<td>11.5cm and up</td>
</tr>
</tbody>
</table>

2 Pre-Formed Static Radial Nerve Splint
Rolyan

Uses static lines to support the wrist and extend the MCPs. As the finger flexor muscles contract the wrist is extended creating a tenodesis action of the wrist/hand. Adjusts easily for precise placement of the outrigger for a 90° line of pull. Includes thumb abduction components. Pre-formed from Polyform splinting material and lined with Kushionflex padding. Straps included. For size, measure circumference of mid-forearm.

- Unlike dynamic traction, static traction does not strengthen the flexors or create unwanted compensation patterns.

| A22514 | Small   | 17.8-21.6cm|
| A22515 | Medium  | 21.7-26.7cm|
| A22516 | Large   | 26.8-31.8cm|

3 High-Profile Outrigger Splint
Rolyan

Pre-formed MCP extension splint saves time when splinting patients after MCP arthroplasty or radial nerve injury. Outrigger contours to the hand and permits radial pull if desired. Precise outrigger placement for a 90° line of pull is achieved by adjusting the screws on each side of the splint. Optional component included for applying dynamic traction to the thumb or a couple force to the 2nd or 3rd digit. Base is Polyform® splinting material lined with Plastazote® padding. To determine size, measure the width of the 2nd to 5th MCP.

<table>
<thead>
<tr>
<th>Left</th>
<th>Right</th>
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</thead>
<tbody>
<tr>
<td>A60111</td>
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<tr>
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<tr>
<td>A60113</td>
<td>A60114</td>
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<tr>
<td>Small</td>
<td>8.3-8.9cm</td>
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<tr>
<td>A60115</td>
<td>A60116</td>
</tr>
<tr>
<td>Medium</td>
<td>8.9-10.2cm</td>
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<td>A60117</td>
<td>A60118</td>
</tr>
<tr>
<td>Large</td>
<td>10.2cm and up</td>
</tr>
</tbody>
</table>
Dynamic Splinting Kits

1. **Adjustable Elbow Hinge**
   - **Rolyan**
   - Simply use hook and loop material to add resistive exercise bands for a graded dynamic flexion or extension splint.
   - Designed to statically position the elbow in any degree of flexion or extension, block out undesirable motion and allow free elbow motion. Ideal for fracture bracing, contractures or tendon/nerve repairs. Total length 27cm. Flexes to 120°.
   - Kit contains all hardware. Splinting material and straps sold separately.
   - A517L  Left
   - A517R  Right

2. **Phoenix Adjustable Elbow Hinge**
   - Ideal for static, serial or dynamic splinting of elbow flexion or extension. Lightweight (57g) ball bearing hinge allows free movement within available range. Kit contains one elbow hinge, thumb nuts and hex wrench. Splinting material and straps sold separately.
   - Length of single hinge arm to axis:
     - 762301  Small  8.9cm
     - 762302  Medium  13cm
     - 762303  Large  17.1cm

3. **Universal Polycentric Knee Hinge**
   - **Rolyan**
   - One polycentric knee hinge for all functional casting requirements. Can be used as a free motion joint, drop lock joint, limited motion joint (any range) or locking joint (any position). Manufactured from hardened aluminium with wide plastic attachment wings. Radiolucent for better X-ray visualisation. Flexion and extension controls limit knee motion to any range desired or lock in any position. Reference marks on arm and housing for easier setting of motion control. Complete set includes droptick (optional), flexion and extension controls, and wrench for adjustment. Total length: 41cm. Requires the use of bending irons and alignment fixture.
   - A5121  Pair

4. **Dynamic Pronation / Supination Kit**
   - **Rolyan**
   - For the fabrication of dynamic pronation/supination splints. Kit contains one length of tubing, two metal housings, hardware for attaching housings and instructions. Can be used with A5174 to A5177.
   - A8331  Kit

5. **Pre-Formed Dynamic Pronation / Supination Splint**
   - **Rolyan**
   - Applies gentle force for a sustained and gradual stretch to increase ROM. Force is controlled by twisting the tubing in the opposite direction of the motion desired. Wrist and elbow portions of the splint are sold separately, for a precise fit. All necessary hardware and strapping included. Splint is made of Polyform splinting material with a Plastazote liner that allows minor modifications for a custom fit. For a complete splint, order both wrist and elbow component.
   - Wrist Component (includes splint, liner and hardware): to determine size, measure width of 2nd to 5th MCP.
     - Left
     - A83311  Small  7.6-8.3cm
     - A83312  Medium  8.4-8.9cm
     - A83313  Large  9.0-10.2cm
     - Elbow Component (includes splint, liner, hardware and tubing): fits right or left. To determine size, measure circumference of humerus at midpoint.
     - A8332  Small  20.3-24.0cm
     - A8333  Medium  24.1-27.3cm
     - A8334  Large  28-34.3cm
     - A8335  X-Large  34.4-39.4cm

Orthopartner AG | Ärzte- und Spitalbedarf | Oholten 11 | 5703 Seon | Tel. 0844 855 236 | Fax 0844 855 237
Dynamic Splinting Kits

1 Incremental Wrist Hinge
- Can be free moving with end range blocking or static to help prevent stress on healing tendons and nerves
- Adjustable from full extension to full flexion in increments of 10°, which are marked on the hinge
- Can be used for wrist fractures and dislocations, fractures at the base of the MCPs, stiff wrists or wrist contractures, and following tendon and nerve repairs and carpal tunnel release
- Excellent for four strand tendon repair protocol

Hinge attaches to two part splint base (not included) to position the wrist in the desired amount of flexion or extension. Adjustment screw provides simple hinge adjustments. Includes metal wrist hinge, adjustment screws, and attachment screws. Hinge, which must be placed on the radial side, attaches with a screwdriver. Length adjusts to accommodate hands of various sizes. Not recommended for severe spasticity.

A352101 Left
A352100 Right

2 Adjustable Wrist Hinge
- Fully adjustable for accurate wrist positioning throughout course of therapy. Can be used statically for desired flexion / extension and radial / ulnar deviation, or to block out an available range of motion to help prevent stress on healing tendons or nerves.
- Attach to two piece wrist splint (not included) on either the volar or dorsal surface. Adding dynamic springs (below) allows progression from static to dynamic traction using the same splint.

Indications include wrist fractures and following tendon and nerve repair surgery. Easily adjusted to accommodate extra small to extra large wrists and hands.

A3521 Dynamic Springs for Adjustable Wrist Hinge
The amount of traction applied to the wrist can be adjusted easily by rotating the wheels in the hinge. Sold in pairs.

A352S

3 Pre-Formed Dynamic Wrist Splint
- Pre-fabricated splint makes dynamic wrist splinting simple
- Amount of traction easily adjusted by rotating wheels in the hinge
- Adjustable to accommodate extra-small to extra-large wrists
- Easily adjustable for wrist flexion or extension with an Allen Key.

Includes straps. To determine size, measure circumference of palm around its widest area (do not include the thumb).

A352200 Small 18-20cm
A352202 Medium 21-23cm
A352204 Large 24-25cm

4 MP Flexion Spring
For correcting MP joint tightness. Provides 1.3kg of force when MP joints are extended to neutral. MP tension adjusts easily. For right or left hand. To size, measure width of hand at joint. Latex free.

<table>
<thead>
<tr>
<th>Size</th>
<th>Medium</th>
<th>Large</th>
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<tbody>
<tr>
<td>09 116 1801</td>
<td>7.3-8.2cm</td>
<td>8.6-9.5cm</td>
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<tr>
<td>09 116 1819</td>
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</table>

Sizing Guidelines
- Measure the distance from the MCP to DIP on the dorsal surface of the finger to be splinted. Splints can be adjusted for in-between sizes and to conform to hand contours.

<table>
<thead>
<tr>
<th>Size</th>
<th>Dimensions</th>
</tr>
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<tbody>
<tr>
<td>X-Small</td>
<td>5.1cm</td>
</tr>
<tr>
<td>Small</td>
<td>6.4cm</td>
</tr>
<tr>
<td>Medium</td>
<td>7.6cm</td>
</tr>
<tr>
<td>Large</td>
<td>8.9cm</td>
</tr>
<tr>
<td>X-Large</td>
<td>10.2cm</td>
</tr>
</tbody>
</table>
Finger Splints

1. **Sof•Stretch™ Finger Extension Splint**
   
   Provides dynamic force to assist the PIP joint into extension with minimal extension of the MCP joint. Ideal for PIP joint tightness and contractures and boutonniere deformity. Angled distal pad reduces pressure by providing complete surface contact on the middle phalanx. "P" on proximal pad reminds the patient to apply the splint with the P near the palm. Hand wash, air dry. For size, measure from distal palmar crease to distal finger crease.

   **White**
   - A99760: X-Small 5.1cm
   - A99761: Small 6.4cm
   - A99762: Medium 7.6cm
   - A99763: Large 8.9cm
   - A99764: X-Large 10.2cm

   **Pack of 5**
   - White
     - 55328201: X-Small 5.1cm
     - 55328202: Small 6.4cm
     - 55328203: Medium 7.6cm
     - 55328204: Large 8.9cm
     - 55328205: X-Large 10.2cm

2. **Sof•Stretch™ Short Extension Splint**
   
   Provides dynamic force to assist the PIP into extension while allowing full motion of the MCP joint. Ideal for PIP joint tightness and boutonniere deformity. Angled distal pad reduces pressure by providing complete surface contact on the middle phalanx, applying pressure evenly. "P" on proximal pad reminds the patient to apply the splint with the P near the palm. Hand wash, air dry. For size, measure from MCP crease to distal finger crease on the volar surface.

   **White**
   - A99780: X-Small 3.8cm
   - A99781: Small 4.4cm
   - A99782: Medium 5.1cm
   - A99783: Large 5.7cm
   - A99784: X-Large 7.0cm

3. **Sof•Stretch™ Coil Extension Splint (Capener)**
   
   Coil springs placed laterally to the PIP joint move with the joint to increase PIP extension, reducing tightness in the PIP joint and the surrounding soft tissue from flexor tendon tightness, flexion contractures and boutonniere deformity. For contractures up to 45° that feel elastic when stretched. Contoured proximal and distal pads distribute pressure evenly. Splint does not shift position as finger moves. For size, measure from distal palmar crease to distal finger crease.

   - A99774: Small 6.4cm
   - A99775: Medium 7.0cm
   - A99776: Large 7.6cm
   - A99777: X-Large 8.3cm

4. **Sof•Stretch™ Long Coil Extension Splint**
   
   Coil springs assist PIP and DIP joints into extension by maintaining them in full extension. Ideal for helping reduce tightness from flexor tendon and volar joint and soft tissue tightness. Best suited for contractures up to 45° that feel elastic when stretched. Contoured proximal and distal pads distribute pressure evenly. Hand wash, air dry. For size, with finger straight, measure corresponding finger on unaffected hand from distal palmar crease to middle of distal phalanx.

   - A99770: Small 7.6cm
   - A99771: Medium 8.3cm
   - A99772: Large 8.9cm
   - A99773: X-Large 9.5cm
**Finger Splints**

1. **Static Progressive Finger Extension Splint**
   Provides constant force to help correct finger flexion contractures. Two D-Ring straps can be worn parallel to each other or crossed. Includes two to four bolts depending on size - to treat tight contractures, replace the standard bolt with the shorter one. For size, measure length of finger from web space to tip.
   - A525700 XX-Small 5.1-6.4cm
   - A525701 X-Small 6.5-7.6cm
   - A525702 Small 7.7-8.3cm
   - A525703 Medium 8.4-8.9cm
   - A525704 Large 9.0-9.5cm
   - A525705 X-Large 9.6-10.2cm

2. **Static Progressive Finger Flexion Splint**
   Provides constant force to help correct finger extension contractures. Full composite PIP and DIP joint flexion can be achieved. Made from 1.6mm Aquaplast-T splinting material with a 1.6mm self-adhesive Plastazote liner. For size, measure length of finger from web space to tip.
   - A54229 XX-Small 3.8-5cm
   - A54230 X-Small 5.1-5.7cm
   - A54231 Small 5.8-7cm
   - A54232 Medium 7.1-7.9cm
   - A54233 Large 8-8.9cm
   - A54234 X-Large 9-9.5cm

3. **Flexion Finger Spring**
   Flexes the PIP joint without interfering with the MCP joint. Distal phalanx is free to allow functional use of the finger pad. Lateral springs can be worn on the radial or ulnar side of the digit. Springs can be bent to adjust tension. For size, on corresponding finger of unaffected hand, measure the distance from middle of proximal phalanx to just proximal to DIP joint on dorsal surface, as shown. When oedema is present, the next larger size may be necessary.
   - A54210 X-Small 3.2cm
   - A54211 Small 3.8cm
   - A54212 Medium 4.4cm
   - A54213 Large 5.7cm
   - A54214 X-Large 7cm

4. **Extension Finger Spring**
   Designed to assist the PIP joint into extension. Smaller sizes can be used to extend the DIP joint. Can be worn on the radial or ulnar side of the digit. Springs can be bent to adjust tension. For size, on corresponding finger of unaffected hand, with finger straight, measure the distance from the MCP crease to the distal finger crease on volar surface.
   - A54420 X-Small 3.2cm
   - A54421 Small 3.8cm
   - A54422 Medium 4.4cm
   - A54423 Large 5.7cm
   - A54424 X-Large 7cm
Finger Splints

1. **P.I.P.E.™ (Proximal Interphalangeal Extension) Splint**
   Select one of five pairs of interchangeable dynamic coil springs to apply a desired amount of force to extend the PIP joint. As the contracture improves, a new set of springs can be applied to maintain a low magnitude of force. Padded for comfort. Sizing guidelines below. To size, measure circumference at midpoint of proximal phalanx.
   - A6029 X-Small 3.8-5.1cm
   - A6025 Small 5.1-6.4cm
   - A6026 Medium 6.4-7.4cm
   - A6027 Large 7.7-7.6cm
   - A6028 X-Large 7.6-8.9cm

2. **Reverse Finger Knuckle Bender**
   Dynamic finger splint extends the PIP joint through rubber band traction in combination with three points of pressure. Constructed of stainless steel, with felt pads. Tension can be adjusted by varying the size of the rubber bands. No. 10 rubber bands are included. Sizing guidelines below.
   - A5231 X-Small
   - A5232 Small
   - A5233 Medium
   - A5234 Large
   - A5235 X-Large

3. **Finger Knuckle Bender**
   Dynamic splint flexes the PIP joint by use of rubber band traction. Made of stainless steel and padded with felt for comfort. No. 10 rubber bands included. Sizing guidelines below.
   - A5236 X-Small
   - A5237 Small
   - A5238 Medium
   - A5239 Large
   - A52310 X-Large

4. **PIP Ligament Repair Splint**
   Designed to allow active PIP flexion and extension, yet limit radial and ulnar deviation of the PIP joint. Polycentric hinge helps prevent distal migration of the splint during flexion. Indicated for PIP injuries such as sprains and strains and for repair of partial collateral ligament tears. Can be modified using pliers. Straps included. To determine size, measure circumference of PIP joint.
   - A6021 Small Up to 5.4cm
   - A6022 Medium 5.4-6.4cm
   - A6023 Large 6.5-7.6cm
   - A6024 X-Large 7.7-8.9cm

5. **Mini Spring Wire Safety Pin**
   Extends only the PIP or DIP joint. Features felt padding and adjustable strap. To size splint for DIP contractures, measure from PIP crease to fingertip; for PIP contractures, measure from MP to PIP crease. Latex free.
   - 705701 Small 3.4cm
   - 705702 Medium 4cm
   - 705703 Large 4.7cm
   - 705704 X-Large 5cm

"How-to-Fit" Measuring Guide for Items 2 and 3
For size, measure the distance from MCP to DIP on the dorsal surface of the finger to be splinted. Splints may be adjusted for in-between sizes and to conform to hand contours.
- X-Small 5.1cm
- Small 6.4cm
- Medium 7.6cm
- Large 8.9cm
- X-Large 10.2cm
1. **Joint Jack Finger Splint**

   Helps correct PIP finger flexion contractures. Amount of pressure adjusts quickly with a turn of the screw. Soft steel splint can be bent for final fitting. Includes felt pad and adjustable cotton strap. For size, measure the distance from the MCP crease at the base of the finger to the middle of the nail bed.

   - **09 116 9416** Small 3.8-6.4cm
   - **09 116 9424** Medium 5.1-7.6cm
   - **09 116 9432** Large 7.6-10.2cm
   - **09 116 9440** X-Large 8.9-11.4cm
   - **09 116 9457** XX-Large 10.2cm and over

2. **Aluminium Padded Splints**

   Padded with closed-cell, non-allergenic foam. Aluminium strips are malleable and can be cut easily with heavy-duty scissors. Packs of 12.

   - **A8991** Small 1.3 x 46cm
   - **A8992** Medium 1.9 x 46cm
   - **A8993** Large 2.5 x 46cm

3. **Frog Splint**

   Foam-lined aluminium splint, easily contoured to maintain finger joints in position. Pack of 12.

   - **A899115** Small Length 5.7cm
   - **A899116** Medium Length 7.6cm
   - **A899117** Large Length 8.3cm

4. **Chrisofix™ Finger Splints**

   Easy to apply, adjustable, non-allergenic finger splints for immobilisation of the PIP and MP joints. Made from a thin aluminium core covered by a skin friendly perforated, breathable material. Chrisofix splints are lightweight and very comfortable. X-ray transparent. Hand wash in warm soapy water and air dry. Supplied with adhesive fixation strips.

   - **AA9275A** Small Length 4.3cm Child
   - **AA9275B** Large Length 5.5cm Child
   - **AA9275C** Small Length 6.5cm Adult
   - **AA9275D** Large Length 7.2cm Adult

5. **Chrisofix™ Mallet Finger Splint**

   Indications: For felon or injuries (including surgery) of the nail bed, the distal phalanx and the DIP joint.

   - **AA9104C** Small
   - **AA9104D** Medium

6. **Dynamic Digit Extensor Tube™ Splint**

   Tube-shaped splint with rubber spring on the volar surface helps extend finger and mobilise stiff joints without putting pressure over the PIP joint. The spring lifts the finger outward and upward and helps prevent the splint from migrating distally. Circumferential design of splint helps reduce oedema.

   To determine size, measure circumference of PIP joint. A finger with severe PIP joint flexion contracture may require a larger size than indicated by measuring.

   - **9272501** X-Small Length 4.4-5.7cm
   - **9272502** Small 5.8-6.4cm
   - **9272503** Medium 6.5-7.7cm
   - **9272504** Medium Plus 7.1-7.6cm
   - **9272505** Large 7.7-8.3cm

7. **Finger Sleeve**

   Comfortable neoprene sleeve. Optional metal stay can be worn on volar or dorsal surface of the digit for support. Measure around finger at PIP crease to determine PIP/DIP circumference. For length, with finger straight; measure corresponding finger on unaffected hand from MCP crease to tip of distal phalanx. Latex free.

   - **A86801** XX-Small Length 4.4cm
   - **A86802** X-Small 4.4-5.7cm
   - **A86803** Small 5.7-6.4cm
   - **A86804** Medium 6.4-7.7cm
   - **A86805** Large 7.7-8.6cm
   - **A86806** X-Large 7.6-8.3cm
Finger Splints

1. Murphy™ Ring Splints
   Designed to help correct a swan-neck deformity of the PIP joint, these splints restrict abnormal hyperextension while allowing active flexion at the PIP joint. Murphy Ring Splints may be used on the PIP and DIP joints to provide lateral stability and joint protection. They can be worn on all fingers of the hand at the same time. For size, use the Murphy or a standard ring sizer to measure the involved joint. For half sizes, use the next larger size. Alternative sizing method is to measure the circumference of the PIP joint in centimetres. Murphy Ring Splint Kit contains one of each of the 12 sizes and a ring sizer in a plastic partitioned container. Made from high grade stainless steel spring wire.
   A52560  Murphy Ring Sizer
   A52561  Murphy Ring Kit
   **Ring Size**  **Circumference of Joint**
   A52548  Size 2  4.1cm
   A52549  Size 3  4.4cm
   A52550  Size 4  4.7cm
   A52551  Size 5  5cm
   A52552  Size 6  5.3cm
   A52553  Size 7  5.7cm
   A52554  Size 8  6cm
   A52555  Size 9  6.3cm
   A52556  Size 10  6.6cm
   A52557  Size 11  6.9cm
   A52558  Size 12  7.2cm
   A52559  Size 13  7.5cm

2. Stax Finger Splint
   Supports the distal joint of the finger in extension while permitting unrestricted movement of the PIP. Splint is normally used without padding and is fixed to the middle phalanx with a self-adhesive strap. Straps sold separately.
   AA9319  Kit of 30 Stax Finger Splints
   **Replacement Stax Splints - Pack of 12 pieces**
   **Length**  **Diameter**
   AA9310  Size 1  53mm  15mm
   AA9311  Size 2  51mm  17mm
   AA9312  Size 3  58mm  19mm
   AA9313  Size 4  63mm  19mm
   AA9314  Size 5  58mm  19mm
   AA9315  Size 5½  61mm  23mm
   AA9316  Size 6  64mm  23mm
   AA9317  Size 7  62mm  25mm

3. Stax Finger Splint Straps
   Convenient straps fit any size Stax Finger Splint.
   Strap: Length 150mm (6”). Width 30mm (1/2”). Trim to fit.
   AA9318  Pack of 25

4. Finger Gutter Splint
   Contoured finger splint provides a comfortable fit with firm, stable immobilisation. Made of Ezeform™ Light splinting material, which can be adjusted easily to accommodate swollen digits. Useful for fractures, dislocations, ligamentous injuries, fingertip injuries and other soft tissue injuries. To determine size, measure from the web to the tip of the finger. Self-adhesive straps sold separately. Two straps required per splint.
   Splint  **Straps - Pack of 6**
   A5801  A58001  X-Small  Up to 6.1cm
   A5802  A58002  Small  6.2-7cm
   A5803  A58003  Medium  7.1-7.9cm
   A5804  Order Medium  Large  8-8.9cm
   A5805  Order Medium  X-Large  9cm and up

5. Finger Gutter Splint kit
   Convenient kit includes 30 finger gutter splints, six of each size. Straps sold separately above.
   A5807
Finger Splints

**Oval-8® Splints**

Strong and nearly invisible splints stabilise and align the DIP or PIP joint to enhance hand function. Moulded from 1.6mm translucent plastic without seams. Can be used to correct lateral deviation, swan-neck deformity and flexible boutonniere deformity, support mallet finger injury, and help prevent trigger finger. Two Oval-8 finger splints can be used to provide full immobilisation at the PIP or DIP for rest and control. Each Oval-8 splint fits a full size and, when rotated 180°, an additional half size, to accommodate fluctuations in oedema and temperature that can affect finger size. Size is determined using sizing set. Oval-8 splints can be modified by spot heating with a heat gun.

1. **Oval-8® Kit**
   - This cost effective kit includes 44 Oval-8 finger splints (with the majority in the most common sizes of 5-10), carrying case, and instruction booklet.
   - 927279

2. **Oval-8® Sizing Set**
   - Includes one of each of the 14 sizes on an easy-to-open binder ring. Allows clinicians to use the actual splint to accurately and quickly size each client and then order the correct splint(s) to be issued. Instructions included.
   - 927280

3. **Paediatric Oval-8® Kit**
   - Contains three each of sizes 3 through to size 7. Plastic storage case included.
   - 554584

4. **Oval-8® Individual Rings**
   - Oval-8 finger splints in sizes 2 to 15 can be ordered individually or in cost-effective packs of 5.

<table>
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**Correct swan-neck deformities**

**Correct flexible boutonniere deformities**

**Restrict motion to prevent trigger finger**

**Immobilise for rest and control**

**Support mallet finger injuries**
1. **Buddy Strap**
   Holds two fingers securely together with little bulk. The fingers are strapped together by hook and loop material yet separated by a piece of soft strapping material. Can be trimmed easily to accommodate any size finger. Strap: Length 127mm (5”).

   Width 13mm (1/2”).

   A3171 Pack of 5

2. **Jacstrap Finger Support**
   Jacstrap Finger Supports provide a unique solution to a wide variety of problems resultant from finger injury. Their small size means that they can be easily carried in pockets or bags in case of weakness or injury.

   AA9234

3. **Foam Wrap Buddy Wrap**
   Comfortably holds fingers or toes together for protection following injury, eliminating the need for tape or uncomfortable hook and loop straps. Lined with highly comfortable, non-slip material which is breathable and washable. One-piece design eliminates excess bulk between digits. Stays in place even during work and athletic activities. Latex free.

   1.3cm Width

   09 116 5703 Pack of 5 Black
   09 116 5711 Pack of 25 Black
   09 116 5729 Pack of 50 Black

   1.9cm Width

   09 116 5705 Pack of 5 Grey
   09 116 5725 Pack of 25 Grey
   09 116 5750 Pack of 50 Grey

   2.5cm Width

   09 116 5745 Pack of 5 Black
   09 116 5752 Pack of 25 Black
   09 116 5760 Pack of 50 Black

4. **PIP/DIP Finger Flexion Strap**
   Soft leather and hook-and-loop strap holds the PIP and DIP joints in flexion with constant force. Adjustable for comfort and increased range of motion. Package of six. Latex free.

   550539

5. **3PP™ Final Flexion Wrap™**
   Helps to restore full PIP and DIP joint flexion after injury or due to arthritic changes. Static force is simple to adjust. Fabnfoam™ material is breathable, and comfortably stays in place. Easy to apply. Package of 5. Fits most adults. Latex free.

   927275

6. **Finger Flexion Glove**
   Light, stretchable nylon glove with a 25mm hook and loop strap. Ideal for addressing MCP extension contractures or any condition that requires increasing MCP, PIP or DIP flexion. Great for resistive strengthening of finger extensors.

   Left Right

   503202 503201 Small/Medium (Fits most women and smaller men)
   503302 503301 Large/X-Large (Fits larger women and most men)

7. **Deluxe Traction Exercise Glove with Thumb**
   For size, measure width at MP joints.

   Left Right

   550627 550626 Small/Medium 6-9cm
   550629 550628 Large/X-Large 9-11.5cm
Finger Splints

1. **Fabrifoom™ Gauntlet**
   Circumferential gauntlet to be used with attachments to increase ROM and strength of the fingers and thumb. Made from Fabrifoom TensoWrap Nu material that won’t migrate. Fits most adults. Colour may vary.
   - A57113 Left
   - A57114 Right

2. **Biodynamic™ Flexion/Extension Component**
   Monofilament acts like a tendon, providing traction for MCP,PIP, and DIP composite joint flexion. Includes components to use on one finger: finger wraps with monofilament, line guide, tension-adjustable connecting piece and 2 tension adjustment strips.
   - A572002 Set for 1 Finger

3. **Phase I - Dorsal Flexion Hood Attachments**
   Dorsal Flexion Hood Attachments increase passive joint motion of the MCPs, PIPs and DIPs. Gauntlet increases passive thumb flexion and opposition. Soft straps have an elastic fingertip cover that assures secure finger attachment. The amount of static progressive traction applied can be individually tailored to each digit’s needs with adjustable hook attachments. Far outperforms the traditional finger flexion glove - provides true MCP/PIP flexion.
   - Order fabrifoom gauntlet separately.
   - A57119 Short Length Width 19mm Set of 4
     - Fits most women and smaller men.
   - A57120 Full Length Width 25mm Set of 4
     - Fits larger women and most men.

4. **Phase II - Composite Finger Flexion Loop Attachments**
   Composite Finger Flexion Loop Attachments emphasize achieving the end ranges of MCP, PIP and DIP joint flexion. Strap wraps around the first and third phalanges to increase PIP/DIP flexion, then attaches to the gauntlet, pulling the MCP into flexion. Order Fabrifoom gauntlet separately.
   - A57117 Set of 4

5. **Phase III - Finger Exerciser Attachments**
   Finger Exerciser Attachments strengthen the fingers. Individual attachment tabs are attached to rubber bands that allow varying degrees of resistance. Can also be used on the thumb to strengthen extension and abduction. Order Fabrifoom gauntlet separately.
   - A57118 Set of 4