



# PARTS CATALOGUE

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Haygrove

# FOR GROWERS BY GROWERS

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For over 25 years we've been pioneering the development of polytunnels and associated growing systems. Over this time, we've also been growing berries and cherries on our own farms across the globe.

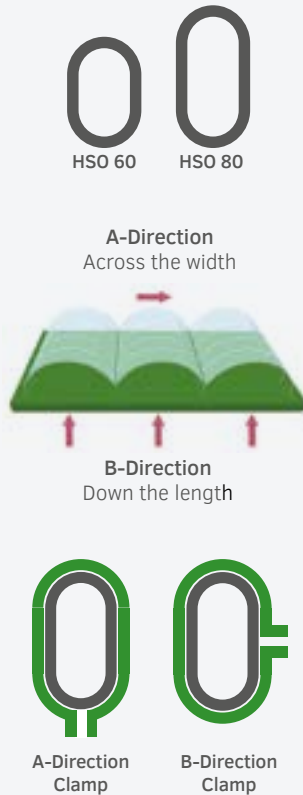
From the structural hoops that create our tunnel shapes; right down to the nuts, bolts, cables and clamps used throughout the systems, we're constantly innovating, and we test our products on our own farms commercially before supplying them to growers of over 30 crops in over 50 countries.

With this catalogue, you can quickly and easily navigate our range of parts and accessories, and when the time comes to order replacements, all you need to do is give us a call.

We look forward to helping you get the most out of your growing systems.



# HSO™ STEEL & CLAMPS



HSO stands for High Strength Oval, and it's a smart way to add strength to your tunnel structure. The oval shape of the steel adds strength to the tunnel where it's most needed. Haygrove HSO steel is available in two sizes: HSO 80 and HSO 60. The choice of steel size most suitable for your tunnel will be determined by the climatic conditions of your specific site.

Because HSO has a non-uniform shape, Haygrove has developed clamps that fix in what we call the '**A-DIRECTION**' and the '**B-DIRECTION**'.

**A-DIRECTION** clamps are used for fixing items that *go across the width* of the tunnel such as **Hoop Bracing Struts** or **V-Struts**.



**B-DIRECTION** clamps are used for fixing items that *go down the length* of the tunnel such as **End Kit Struts**.



Look out for the symbols for A and B direction clamps to ensure you order the correct one.

# CONTENTS

|                          |    |
|--------------------------|----|
| 1. CLAMPS                | 2  |
| 2. CLIPS                 | 10 |
| 3. FASTENERS             | 14 |
| 4. GUTTER ACCESSORIES    | 18 |
| 5. SUBSTRATE ACCESSORIES | 22 |
| 6. DRIVE SYSTEMS         | 26 |
| 7. CABLE, CHAIN & WIRE   | 34 |
| 8. ROPE, STRING & TAPE   | 38 |
| 9. SHEET MATERIALS       | 42 |
| 10. POLYLOCK             | 44 |
| 11. STEEL LENGTHS        | 46 |
| 12. LEGS & ANCHORS       | 56 |
| 13. AUGER UNIONS         | 62 |
| 14. TOOLS                | 64 |
| 15. POLYTHENE            | 68 |
| INDEX                    | 76 |

# 1. CLAMPS

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## U-BOLT



**Main Uses:**

V and Star Wires | End Kits | Doors | Perimeter Anchors | Horizontal Bracing | Lattice Cabling

| Code       | Description | Note                       |
|------------|-------------|----------------------------|
| C40UB      | U-Bolt      | 40mm                       |
| C508UB     | U-Bolt      | 50mm                       |
| C6040HSOUB | U-Bolt      | 60mm x 40mm in A direction |
| C8040HSOUB | U-Bolt      | 80mm x 40mm in A Direction |
| C80HSOUB   | U-Bolt      | 80mm x 40mm in B Direction |

## EXTRA LONG U-BOLT



**Main Uses:** Doors | Side Frame Kits

| Code          | Description                    | Note                 |
|---------------|--------------------------------|----------------------|
| C40UBELSA     | U-Bolt inc Flat Plate & Spacer | 40mm                 |
| C51UBELSA     | U-Bolt inc Flat Plate & Spacer | 50mm                 |
| C8040BHSOUBEL | U Bolt inc Flat Plate & Spacer | HSO80 in B Direction |
| C8040HSOUBEL  | U Bolt inc Flat Plate & Spacer | HSO80 in A Direction |

# CLAMPS

## U-BOLT WITH PRESSURE PLATE



Main Uses: Lattice Cabling

| Code         | Description                | Note   |
|--------------|----------------------------|--------|
| C40UBPP      | U-Bolt with Pressure Plate | 40mm   |
| C508UBPP     | U-Bolt with Pressure Plate | 50mm   |
| C8040HSOUBPP | U-Bolt with Pressure Plate | HSO 80 |

## FLAT PLATE



Main Use: Alternative Plate For U-Bolt

| Code | Description      | Note |
|------|------------------|------|
| C40P | Plate for U-Bolt | 40mm |
| C50P | Plate for U-Bolt | 50mm |

## HINGE CLAMP



Main Use: End Kits | Perimeter Anchors | Doors | Horizontal Bracing

| Code          | Description               | Note                       |
|---------------|---------------------------|----------------------------|
| C35HCNB       | Hinge Clamp Nut & Bolt    | 35mm                       |
| C40HCNB       | Hinge Clamp Nut & Bolt    | 40mm x 25mm width          |
| C40HCNBXS     | Hinge Clamp Nut & Bolt XS | 40mm x 40mm width          |
| C50HCNB       | Hinge Clamp Nut & Bolt    | 50mm                       |
| C6040BHSOHCNB | Hinge Clamp Nut & Bolt    | 60mm x 40mm in B Direction |
| C8040BHSOHCNB | Hinge Clamp Nut & Bolt    | 80mm x 40mm in B Direction |

## NON-HINGE CLAMP



Main Use: End Kits | Perimeter Anchors | Doors | Horizontal Bracing

| Code        | Description                      | Note                  |
|-------------|----------------------------------|-----------------------|
| C35AC       | Clamp Nut & Bolt (Without Hinge) | 35mm                  |
| C40AC       | Clamp Nut & Bolt (Without Hinge) | 40mm                  |
| C50AC       | Clamp Nut & Bolt (Without Hinge) | 50mm                  |
| C8040BHSOAC | Clamp Nut & Bolt (Without Hinge) | HSO 80 in B Direction |
| C6040BHSOAC | Clamp Nut & Bolt (Without Hinge) | HSO 60 in B Direction |
| C8040AHSOAC | Clamp Nut & Bolt (Without Hinge) | HSO 80 in A Direction |
| C6040AHSOAC | Clamp Nut & Bolt (Without Hinge) | HSO 60 in A Direction |

## P



Main Uses: Stability Cabling | Trellis Cabling | Leg Cabling

| Code    | Description         | Note |
|---------|---------------------|------|
| TA01459 | Trellis Cable Clamp | 50mm |
| TA01126 | Trellis Cable Clamp | 40mm |

# CLAMPS

## POLYLOCK RAIL CLAMP



Main Use: Roller Venting

| Code    | Description                 | Note   |
|---------|-----------------------------|--------|
| TA02050 | Polylock Rail Clamp         | 40mm   |
| TA02051 | Polylock Rail Clamp         | 50mm   |
| TA01779 | Polylock Rail Clamp         | HSO 60 |
| TA01835 | Polylock Rail Clamp         | HSO 80 |
| TP11142 | Cable Clamp Polylock Washer |        |

## SIDE BRACING CLAMP



Main Use: Steel Side Bracing | Doors

| Code     | Description        | Note         |
|----------|--------------------|--------------|
| C35SBCSA | Side Bracing Clamp | 35mm to 35mm |
| C40SBCSA | Side Bracing Clamp | 35mm to 40mm |
| C50SBCSA | Side Bracing Clamp | 35mm to 50mm |

## DOOR CLAMPS

### DOOR SUPPORT BRACKET



Main Use: Vertical Door Support

| Code    | Description          | Note |
|---------|----------------------|------|
| TA02119 | Door Support Bracket | 40mm |

### ROLLER DOOR PLATE



Main Use: Doors

| Code   | Description       | Note                      |
|--------|-------------------|---------------------------|
| EGDP   | Roller Door Plate | Wide Plate with 2 U-bolts |
| SDF028 | Roller Door Plate | Plate with 2 U-Bolts      |

### DOOR BASE FOLLOWER



Main Use: Doors

| Code    | Description        |
|---------|--------------------|
| TA02132 | Door Base Follower |

# CLAMPS

## TOP TUBE ACCESSORIES

### TERMINATION CLAMP

Main Use: Top Tube Bracing

| Code          | Description                   | Note                     |
|---------------|-------------------------------|--------------------------|
| TA00618       | Top Bracing Termination Clamp | 35mm to 40mm Hoop        |
| XDROP50T      | Top Bracing Termination Clamp | 35mm to 50mm Hoop        |
| XDROP35/6040T | Top Bracing Termination Clamp | 35mm to 60mm x 40mm Hoop |
| XDROP35/8040T | Top Bracing Termination Clamp | 35mm to 80mm x 40mm Hoop |



### TOP TUBE JOINER

Main Uses: Top Tube Bracing

| Code    | Description     | Note                 |
|---------|-----------------|----------------------|
| SR00039 | Top Tube Joiner | 200mm x 35mm x 1.5mm |



### TWIST DROPPER

Main Use: Top Tube Bracing

| Code         | Description            | Note                                    |
|--------------|------------------------|-----------------------------------------|
| XDROP35/40   | Top Tube Twist Dropper | 35mm to 40mm Hoop                       |
| XDROP35/50   | Top Tube Twist Dropper | 35mm to 50mm Hoop                       |
| XDROP35/6040 | Top Tube Twist Dropper | 35mm to 60mm x 40mm Hoop in A Direction |
| XDROP35/8040 | Top Tube Twist Dropper | 35mm to 80mm x 40mm Hoop in A Direction |
| TP11429      | Top Tube Dropper       | Universal                               |



## MISCELLANEOUS CLAMPS

### D SHACKLE



Main Use: Headland Bracing | Perimeter Cable Bracing

| Code       | Description               | Note      |
|------------|---------------------------|-----------|
| KK00580ALT | U-Bolt for Wire Tensioner | D Shackle |

### ADJUSTABLE CLAMP



Main Use: Fixed Top Vent Hoop | HSO Horizontal Bracing

| Code    | Description          | Note        |
|---------|----------------------|-------------|
| TA02032 | Fixed Top Vent Clamp | 80mm x 40mm |

# 2.

# CLIPS

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HOOP CLIPS



Main Uses: End Kits | Roller Doors | Roller Side Skirts

| Code       | Description | Note        |
|------------|-------------|-------------|
| C35HPC     | Hoop Clip   | 35mm        |
| C40HPC     | Hoop Clip   | 40mm        |
| C50HPC     | Hoop Clip   | 50mm        |
| C6040HSOHP | Hoop Clip   | 60mm x 40mm |
| C8040HSOHP | Hoop Clip   | 80mm x 40mm |



Main Uses: Roller Venting

| Code      | Description       | Note                     |
|-----------|-------------------|--------------------------|
| TP09091VS | Polymer Hoop Clip | 32mm (20–35mm Thickness) |

## VENTING CLIP



Main Uses: Manual Venting

| Code    | Description  | Note                                   |
|---------|--------------|----------------------------------------|
| CVENT   | Venting Clip | 35mm/40mm – 4mm Galvanised Spring Wire |
| CVENT50 | Venting Clip | 50mm – 4mm Galvanised Spring Wire      |

## WIRE CLIP



Main Uses: Top Wire Bracing | Side Skirts | Raspberry Crop Support

| Code    | Description | Note        |
|---------|-------------|-------------|
| C35WC   | Wire Clip   | 35mm        |
| C40WC   | Wire Clip   | 40mm        |
| C50WC   | Wire Clip   | 50mm        |
| C6040WC | Wire Clip   | 60mm x 40mm |
| C8040WC | Wire Clip   | 80mm x 40mm |

## CROP SUPPORT ACCESSORIES



Main Uses: Raspberry Crop Support

| Code    | Description  | Note     |
|---------|--------------|----------|
| TP10783 | Top Bar Clip | 3mm Wire |

Main Uses: Raspberry Crop Support

| Code    | Description      |
|---------|------------------|
| TA02314 | Bungee With Ball |





# 3.

# FASTENERS

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## BOLTS\*



| Code      | Description       | Note       |
|-----------|-------------------|------------|
| BOLTM830  | Bolt Hex Head BZP | M8 x 30mm  |
| BOLTM840  | Bolt Hex Head BZP | M8 x 40mm  |
| BOLTM850  | Bolt Hex Head BZP | M8 x 50mm  |
| BOLTM855  | Bolt Hex Head BZP | M8 x 55mm  |
| BOLTM865  | Bolt Hex Head BZP | M8 x 65mm  |
| BOLTM880  | Bolt Hex Head BZP | M8 x 80mm  |
| BOLTM1230 | Bolt Hex Head BZP | M12 x 30mm |

## CARRIAGE BOLTS\*



| Code      | Description       | Note      |
|-----------|-------------------|-----------|
| CBOLTM830 | Carriage Bolt BZP | M8 x 40mm |
| CBOLTM850 | Carriage Bolt BZP | M8 x 50mm |

## NUTS\*



| Code    | Description | Note |
|---------|-------------|------|
| CNUTM12 | Nut         | M12  |
| CNUTM8  | Nut         | M8   |



| Code     | Description | Note           |
|----------|-------------|----------------|
| CNUTM8LK | Nut         | M8 Locking Nut |

\* Other sizes available on request.

# FASTENERS

## WASHERS\*



| Code     | Description   | Note                                            |
|----------|---------------|-------------------------------------------------|
| CWASHSTL | Steel Washer  | M8 BS 4320 G Steel Zinc<br>(24mm O/D 2mm Thick) |
| CWASHRUB | Rubber Washer | 30mm O/D x 10mm I/D x 3mm                       |

## RIVETS\*



Main Uses: Rainwater Gutter

| Code       | Description | Note                      |
|------------|-------------|---------------------------|
| RPOPNZ0410 | Pop Rivet   | NZ 4x10.DIN7337 Aluminium |

## SCREWS\*



| Code  | Description              | Note                  |
|-------|--------------------------|-----------------------|
| CTEKS | Tek Screw with Washer    | 5.5mm x 25mm BZP Zinc |
| CTEK  | Tek Screw without Washer | 5.5mm x 25mm BZP Zinc |

\* Other sizes available on request.



# 4. GUTTER ACCESSORIES

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# GUTTER ACCESSORIES

## DOWNPIPE



Main Uses: Rainwater Gutter

| Code    | Description               | Note                  |
|---------|---------------------------|-----------------------|
| TW00867 | Down Pipe for End Section | Steel Gutter 102mm OD |

## END PLATES



Main Uses: Pioneer Rainwater Gutter

| Code    | Description                       | Note        |
|---------|-----------------------------------|-------------|
| TA00812 | End Plate for Pioneer Rain Gutter | 40mm        |
| TA01341 | End Plate for Pioneer Rain Gutter | 50mm        |
| TA01815 | End Plate for Pioneer Rain Gutter | 60mm x 40mm |
| TA01852 | End Plate for Pioneer Rain Gutter | 80mm x 40mm |



Main Uses: Greenhouse Rainwater Gutter

| Code    | Description                          | Note                  |
|---------|--------------------------------------|-----------------------|
| TA01070 | End Plate for U-leg Rainwater Gutter | For Greenhouse 40     |
| TA01539 | End Plate for U-leg Rainwater Gutter | For Greenhouse 50     |
| TA01855 | End Plate for U-leg Rainwater Gutter | For Greenhouse HSO 80 |

TO PLACE AN ORDER CALL **01531 637122**

# GUTTER ACCESSORIES

## RAINCAPS



Main Uses: Legs

| Code         | Description           | Note        |
|--------------|-----------------------|-------------|
| XRAINCAP30   | Rain Cap for Tube     | 30mm        |
| XRAINCAP40   | Rain Cap for Tube     | 40mm        |
| XRAINCAP50   | Rain Cap for Tube     | 50mm        |
| XRAINCAP5030 | Rain Cap for HSO Tube | 50mm x 30mm |
| XRAINCAP6040 | Rain Cap for HSO Tube | 60mm x 40mm |
| XRAINCAP7131 | Rain Cap for HSO Tube | 71mm x 31mm |
| XRAINCAP8040 | Rain Cap for HSO Tube | 80mm x 40mm |

## TUBE SLEEVE



Main Uses: Rainwater Gutter

| Code            | Description | Note   |
|-----------------|-------------|--------|
| TA00638         | Tube Sleeve | 40mm   |
| TA01344         | Tube Sleeve | 50mm   |
| T0030604015HSOC | Tube Sleeve | HSO 60 |
| T0030804015HSOC | Tube Sleeve | HSO 80 |

# GUTTER ACCESSORIES

## ROPE HOOK BRACKET



**Main Uses: Rainwater Gutter**

| Code    | Description                                     | Note                               |
|---------|-------------------------------------------------|------------------------------------|
| TA00565 | Rope Hook Bracket w/out Mechanised Hoop Venting | Pioneer 40 Rainwater Gutter        |
| TA01477 | Rope Hook Bracket w/out Mechanised Hoop Venting | Pioneer 50 Rainwater Gutter        |
| TA00551 | Rope Hook Bracket with Mechanised Hoop Venting  | Pioneer 40 Rainwater Gutter        |
| TA01343 | Rope Hook Bracket with Mechanised Hoop Venting  | Pioneer 50 Rainwater Gutter        |
| TA01813 | Rope Hook Bracket with Mechanised Hoop Venting  | Pioneer HSO Rainwater Gutter       |
| TA01814 | Rope Hook Bracket with Mechanised Hoop Venting  | Pioneer HSO Rainwater Gutter       |
| TA02408 | Rope Hook Bracket with Mechanised Hoop Venting  | EZvent® HSO Rainwater Gutter       |
| TA01053 | Rope Hook Bracket                               | Greenhouse 40 Rainwater Gutter     |
| TA01541 | Rope Hook Bracket                               | Greenhouse 50 Rainwater Gutter     |
| TA01858 | Rope Hook Bracket                               | Greenhouse HSO 80 Rainwater Gutter |

# 5. SUBSTRATE ACCESSORIES

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# SUBSTRATE ACCESSORIES

## ADJUSTABLE TRUSS SUPPORT



Main Uses: Substrate Brackets

| Code    | Description                         | Note                                 |
|---------|-------------------------------------|--------------------------------------|
| TA02163 | Individual Adjustable Truss Support | 100mm for 8mm Bracket (with fixings) |
| TP11418 | Joined Adjustable Truss Support     | 100mm (No fixings)                   |

## END CAPS WITH DOWNPIPE



Main Uses: Substrate Systems

| Code    | Description           | Note                             |
|---------|-----------------------|----------------------------------|
| TP03785 | End Cap with Downpipe | for A130 Substrate Gutter        |
| TP02371 | End Cap with Downpipe | for B200 Substrate Gutter        |
| TP08148 | End Cap with Downpipe | for C160 & D160 Substrate Gutter |
| TP08150 | End Cap with Downpipe | for C200 & D200 Substrate Gutter |

TO PLACE AN ORDER CALL **01531 637122**

# SUBSTRATE ACCESSORIES

## END CAPS WITHOUT DOWNPIPE



Main Uses: Substrate Systems

| Code    | Description              | Note                             |
|---------|--------------------------|----------------------------------|
| TP04886 | End Cap without downpipe | for A130 Substrate Gutter        |
| TP02372 | End Cap without downpipe | for B200 Substrate Gutter        |
| TP08149 | End Cap without downpipe | for C160 & D160 Substrate Gutter |
| TP08151 | End Cap without downpipe | for C200 & D200 Substrate Gutter |

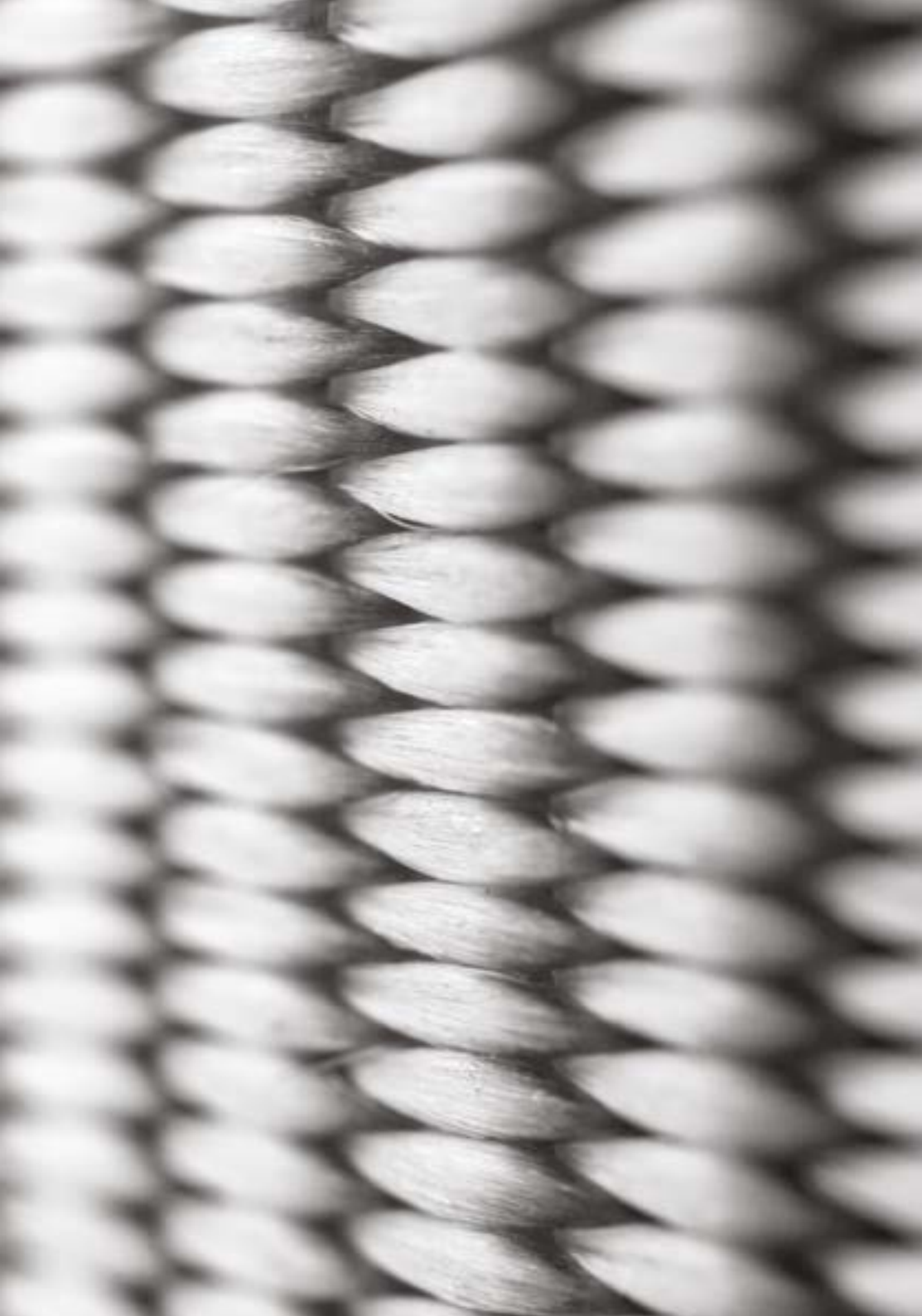
## LEAF CLIPS



Main Uses: Substrate Brackets

| Code    | Description                    | Note            |
|---------|--------------------------------|-----------------|
| TP08932 | Leaf Support Clip for 8mm Wire | Notched Pattern |

For Truss Support Tape go to page 41.



# 6.

# DRIVE SYSTEMS

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## DOOR MECHANISM

### AC ELECTRIC DOOR MOTOR



Main Uses: Roller Doors

| Code       | Description              | Note                           |
|------------|--------------------------|--------------------------------|
| PMGB3P80AP | Power Motor with Gearbox | Ratio 80:1 3 Phase 415v 0.55kW |

Main Uses: Roller Doors AC Electric Motor

| Code    | Description    | Note              |
|---------|----------------|-------------------|
| TA00935 | Roller Trolley | For AC Door Motor |
| TA02219 | Coupling       | 25mm to 35mm      |
| TA02220 | Coupling       | 25mm to 40mm      |

### AC ELECTRIC DOOR MOTOR WITH LIMIT SWITCH



Main Uses: Roller Doors

| Code       | Description | Note |
|------------|-------------|------|
| PMGB3P80LK | 3~ Motor    |      |

Main Uses: Roller Doors AC Electric Motor

| Code    | Description    | Note              |
|---------|----------------|-------------------|
| TA02216 | Roller Trolley | For AC Door Motor |
| TA02289 | Coupling       | 26mm to 40mm      |

# DRIVE SYSTEMS

## DOOR MECHANISM

### DC ELECTRIC DOOR MOTOR



Main Uses: Roller Doors

| Code       | Description                                         | Note                                            |
|------------|-----------------------------------------------------|-------------------------------------------------|
| EM24S10019 | Electric Motor 24v DC 100 N.m 100W Single Shaft O/P | 19mm output shaft with Gearbox & Limit Switches |

Main Uses: Roller Doors DC Electric Motor

| Code    | Description    | Note              |
|---------|----------------|-------------------|
| TA00802 | Roller Trolley | For DC Door Motor |

## DOOR MECHANISM

### MANUAL GEARBOX DOOR GEARBOX



Main Uses: Roller Doors

|   | Code       | Description                         | Note                   |
|---|------------|-------------------------------------|------------------------|
| A | XRGCM      | Reducing Gear 1/24 Carriage Mounted |                        |
| B | XGEARHAND  | Crank Handle for Gearbox            |                        |
| C | XGEARCRANK | Crank Shaft 2.5m                    |                        |
| D | TW00116    | Drive Shaft Hook                    | With shown accessories |
| E | TA02471ED  | Universal Joint for XGEARCRANK      |                        |

TO PLACE AN ORDER CALL 01531 637122

# DRIVE SYSTEMS

## DOOR MECHANISM

### MANUAL DOOR WINDER



Main Uses: Roller Doors

| Code   | Description               | Note  |
|--------|---------------------------|-------|
| ASD007 | Roller Door Manual Winder | Large |
| ASD009 | Roller Door Manual Winder | Small |



Main Uses: Roller Doors

| Code    | Description         | Note           |
|---------|---------------------|----------------|
| TA02461 | Universal Joint Kit | c/w Nut & Bolt |

## VENTS & SIDE SKIRTS

### AC ELECTRIC VENT MOTOR



Main Uses: Roller Venting | Roller Side Skirts

| Code          | Description                                      | Note                                        |
|---------------|--------------------------------------------------|---------------------------------------------|
| XGEARBOX240VS | Gearbox Electric Vent Motor<br>– Single Phase    | 240v PR3 Motor Hp0.25 RPM<br>3 Nm 280 Shaft |
| XGEARBOX400VS | Gearbox Electric Vent Motor<br>– 3 Phase 0.25 kW | 400v PR3 Motor Hp0.35 RPM<br>3 Nm 310 Shaft |

Main Uses: Roller Venting | Roller Side Skirts | AC Electric Motors

| Code    | Description                   | Note                 |
|---------|-------------------------------|----------------------|
| TA01199 | Multibay Mounting Bracket     | For AC Venting Motor |
| TA02238 | Solo / Side Skirt Bracket     | For AC Venting Motor |
| TA02239 | Solo/Side Skirt Bracket Cover | For AC Venting Motor |

## VENTS & SIDE SKIRTS

### MANUAL GEARBOX VENT GEARBOX



**Main Uses: Roller Venting | Roller Side Skirts**

| Code           | Description                                        | Note                            |
|----------------|----------------------------------------------------|---------------------------------|
| XGEARBOX16NVS  | Gearbox R16 Ratio 16:1 (No Handle)                 | for Hand Operated Roller System |
| XGEARBOX20NVS  | Gearbox R20-2P Ratio 20:1 (No Handle) Direct Shaft | for Hand Operated Roller System |
| XGEARBOX8NVS   | Gearbox R8 Ratio 8:1 (No Handle)                   | for Hand Operated Roller System |
| XGEARBOXHAVSIT | Gearbox Handle R8/R16                              | for Hand Operated Roller System |

**Main Uses: Roller Venting | Roller Side Skirts**

| Code    | Description      | Note                            |
|---------|------------------|---------------------------------|
| TA02291 | Mounting Bracket | for Manual Gearbox 8:1 and 16:1 |
| TA02293 | Mounting Bracket | For Manual Gearbox 20:1         |

# DRIVE SYSTEMS

## VENTS & SIDE SKIRTS

### VENTING ACCESSORIES



Main Uses: Roller Venting

|   | Code      | Description                                        | Note                |
|---|-----------|----------------------------------------------------|---------------------|
| A | TELEARMVS | Telescopic Arm (maximum opening 2500 mm)           |                     |
| B | ASD023VS  | Universal Joint for Telescopic Arm / Plastic Wheel | Cardan Joint Side 1 |
| C | ASD024VS  | Universal Joint for Telescopic Arm                 | Cardan Joint Side 2 |
| D | TA01680   | Fittings for Flat Bar                              | Venting System      |



# 7.

# CABLE, CHAIN & WIRE

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# CABLE, CHAIN & WIRE

## CABLE



Main Uses: Trellis Cabling | Lattice Cabling | Headland Bracing

| Code          | Description                     | Note                                       |
|---------------|---------------------------------|--------------------------------------------|
| VWC050050ALT  | Linear Metres<br>– Cable 7 x 19 | 5mm High Tensile Galvanised (500m Reel)    |
| WC100030HT7X7 | Linear Metres<br>– Cable 7 x 7  | 3.0mm High Tensile Galvanised (1000m Reel) |

## CHAIN



Main Uses: Crop Support Systems | Hanging Substrate Systems

| Code      | Description             | Note                         |
|-----------|-------------------------|------------------------------|
| CHAIN426  | Metres of Chain         | 4mm x 26mm Internal Length   |
| CHAIN520  | Metres of Chain         | 5mm x 20mm Internal Length   |
| CHAIN2231 | Metres of Twisted Chain | 2.2mm x 31mm Internal Length |

## WIRE



Main Uses: V and Star Wires | Top Wire | Side Skirts

| Code     | Description | Note                                      |
|----------|-------------|-------------------------------------------|
| W65025HT | Wire        | 2.5mm x 650m High Tensile Galvanised 25kg |

# CABLE, CHAIN & WIRE

## WIRE ACCESSORIES

### S-HOOKS



Main Uses: Top Tape Bracing

| Code    | Description | Note |
|---------|-------------|------|
| XSHOOKS | S-Hooks     | 4mm  |

### WIRE CABLE GRIPS



Main Uses: Crop Support Systems | Trellis Cabling | V Wires | Lattice Cabling

| Code      | Description         |
|-----------|---------------------|
| CMGRIPPLE | Gripple Wire Joiner |



Main Uses: Stability Cabling | Lattice Cabling

| Code      | Description                | Note                       |
|-----------|----------------------------|----------------------------|
| CABLEGRIP | Cable Clamp Wire Rope Grip | 2.5mm & 3.0mm Cable DIN741 |

Main Uses: Trellis Cabling

| Code | Description                | Note                         |
|------|----------------------------|------------------------------|
| CC5D | Cable Clamp Wire Rope Grip | 5mm Cable DIN 1142 CC54 Gold |

### FERRULES



Main Uses: Top Tape Bracing

| Code     | Description       | Note  |
|----------|-------------------|-------|
| FERRULES | Aluminium Ferrule | 3.5mm |



# 8. ROPE, STRING & TAPE

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# ROPE, STRING & TAPE

## ROPE



Main Uses: Sheeting Rope

| Code         | Description   | Note                                         |
|--------------|---------------|----------------------------------------------|
| RS22006PSBLK | Sheeting Rope | 220m x 6mm Poly Steel Black with Marker Yarn |



Main Uses: Storm Rope

| Code       | Description | Note                            |
|------------|-------------|---------------------------------|
| RS22006PSB | Storm Rope  | 220m x 6mm Poly Steel Pale Blue |

## STRING



Main Uses: Crop Support Systems

| Code        | Description             | Note                |
|-------------|-------------------------|---------------------|
| XRASPSTRING | Raspberry Lacing String | 120m/roll 100g roll |



Main Uses: Crop Support Systems

| Code      | Description                                    | Note                                    |
|-----------|------------------------------------------------|-----------------------------------------|
| XTTSTRING | String Table Top Mesh Support PE Twisted Twine | 1,000m/roll 300kly UV Orange 2.5kg Roll |

# ROPE, STRING & TAPE

## TAPE

### QUICK RELEASE TAPE



Main Uses: End Kits | Roller Doors | Roller Venting

| Code        | Description              | Note              |
|-------------|--------------------------|-------------------|
| XTAPEQRT3   | Green Quick Release Tape | 50m x 12.6cm Wide |
| XTAPEQRT165 | Green Quick Release Tape | 50m x 16.5cm Wide |
| XTAPEQRT200 | Green Quick Release Tape | 50m x 20.0cm Wide |

### REPAIR TAPE



Main Uses: Tunnel Management

| Code         | Description               | Note          |
|--------------|---------------------------|---------------|
| XTAPEREP7525 | Repair Tape Clear PE Poly | 25m x 75mm    |
| XHST4        | Anti Hot Spot Tape 4cm    | 10m Long Roll |

### SHEETING TAPE



Main Uses: Sheeting Tape

| Code       | Description   | Note                                       |
|------------|---------------|--------------------------------------------|
| XTAPESHEET | Sheeting Tape | 25mm White 1250kg Polyester (100m on roll) |

# ROPE, STRING & TAPE

## TOP TAPE



Main Uses: Top Tape Bracing

| Code     | Description | Note                              |
|----------|-------------|-----------------------------------|
| XTAPETOP | Top Tape    | 25mm K1 Green 6029 (100m on roll) |

## TRUSS SUPPORT TAPE

Main Uses: Substrate Systems

| Code     | Description        |
|----------|--------------------|
| XTTST100 | Truss Support Tape |



## POLYLOCK TAPE



Main Uses: Roller Venting

| Code    | Description         | Note               |
|---------|---------------------|--------------------|
| XQRT200 | Polylock Tape White | Metres 12.5cm Wide |

## S-HOOKS



Main Uses: Top Tape Bracing

| Code    | Description | Note |
|---------|-------------|------|
| SGR0006 | S-Hooks     | 8mm  |

# 9. SHEET MATERIALS

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# SHEET MATERIALS

## BIRD NET



Main Uses: Tunnel Ends and Sides

| Code       | Description                       | Note                       |
|------------|-----------------------------------|----------------------------|
| NB10005G   | Bird Net 15mm x 15mm Mesh         | 5.0m x 100m                |
| NB10012G17 | Bird Net Knitted 17mm x 17mm Mesh | 12.0m x 100m Green 17g/sqm |

## TRUSS SUPPORT MESH



Main Uses: Double Row Substrate Systems

| Code         | Description              | Note        |
|--------------|--------------------------|-------------|
| XWMESH010050 | Green Truss Mesh Netting | 1m x 50m    |
| XWMESH1200   | White Truss Mesh Netting | 1.2m x 200m |

## WOVEN MATERIAL



Main Uses: Roller Doors | Roller Side Skirts

| Code   | Description               | Note                       |
|--------|---------------------------|----------------------------|
| SDF052 | Reinforced Woven Material | for Doors 4m x 15m x 160g  |
| SDF051 | Reinforced Woven Material | for Doors 4m x 50m x 160g  |
| SDF050 | Reinforced Woven Material | for Doors 4m x 100m x 160g |

TO PLACE AN ORDER CALL 01531 637122

# 10.

# POLYLOCK

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## POLYLOCK ITEMS



Main Uses: Roller Venting

| Code    | Description         | Note                     |
|---------|---------------------|--------------------------|
| KK02182 | Lightweight Channel | Zig-Zag Wire x 2.4m Long |



| Code    | Description         | Note            |
|---------|---------------------|-----------------|
| TA01129 | Joiner for Polylock | 40 x 40 Profile |



| Code      | Description                                       | Note                   |
|-----------|---------------------------------------------------|------------------------|
| TP06309CN | 5.9m Polylock Self Supporting Rail Zig Zag Insert | 41mm x 41.8mm x 1.25mm |



Main Uses: Roller Venting

| Code    | Description              | Note           |
|---------|--------------------------|----------------|
| KK01252 | Zip Lock Wire 2m Lengths | Blue 2.3mm o/d |

# 11.

# STEEL LENGTHS

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# STEEL LENGTHS

## CUT LENGTH TUBE

Steel grade E235 and zinc coating Z275

### 30MM

Main Uses: Side Bracing

| Code        | Description | Note                |
|-------------|-------------|---------------------|
| T7003015AGB | Cut Length  | 7.0m x 30mm x 1.5mm |



### 35MM\*

Main Uses: Top Tube Bracing | Roller Doors | Economy Hoop Venting

| Code         | Description | Note                 |
|--------------|-------------|----------------------|
| T0203515AGB  | Cut Length  | 0.2m x 35mm x 1.5mm  |
| T0403515AGB  | Cut Length  | 0.4m x 35mm x 1.5mm  |
| T0803515AGB  | Cut Length  | 0.8m x 35mm x 1.5mm  |
| T1203515AGB  | Cut Length  | 1.2m x 35mm x 1.5mm  |
| T1503515AGB  | Cut Length  | 1.5m x 35mm x 1.5mm  |
| T2203515AGB  | Cut Length  | 2.2m x 35mm x 1.5mm  |
| T2503515AGB  | Cut Length  | 2.5m x 35mm x 1.5mm  |
| T3003515AGB  | Cut Length  | 3.0m x 35mm x 1.5mm  |
| T3503515AGB  | Cut Length  | 3.5m x 35mm x 1.5mm  |
| T4003515AGB  | Cut Length  | 4.0m x 35mm x 1.5mm  |
| T4503515AGB  | Cut Length  | 4.5m x 35mm x 1.5mm  |
| T5003515AGB  | Cut Length  | 5.0m x 35mm x 1.5mm  |
| T6003515AGB  | Cut Length  | 6.0m x 35mm x 1.5mm  |
| T6503515AGB  | Cut Length  | 6.5m x 35mm x 1.5mm  |
| T7003515AGB  | Cut Length  | 7.0m x 35mm x 1.5mm  |
| T7503515AGB  | Cut Length  | 7.5m x 35mm x 1.5mm  |
| T8003515AGB  | Cut Length  | 8.0m x 35mm x 1.5mm  |
| T8503515AGB  | Cut Length  | 8.5m x 35mm x 1.5mm  |
| T9003515AGB  | Cut Length  | 9.0m x 35mm x 1.5mm  |
| T9503515AGB  | Cut Length  | 9.5m x 35mm x 1.5mm  |
| T10003515AGB | Cut Length  | 10.0m x 35mm x 1.5mm |
| T10503515AGB | Cut Length  | 10.5m x 35mm x 1.5mm |
| T11003515AGB | Cut Length  | 11.0m x 35mm x 1.5mm |
| T12003515AGB | Cut Length  | 12.0m x 35mm x 1.5mm |



\* Tube Joiner for 35mm available. See p48.

TO PLACE AN ORDER CALL 01531 637122

# STEEL LENGTHS

## ROLLER TUBES

Steel grade E235 and zinc coating Z275

### 32MM

Main Uses: Roller Venting



| Code    | Description                                 | Note                |
|---------|---------------------------------------------|---------------------|
| TP05743 | Roller Tube 10m with additional 150mm Swage | 10.15m x 32mm x 2mm |

### 40MM\*

Main Uses: Roller Doors



| Code    | Description | Note                 |
|---------|-------------|----------------------|
| TP09982 | Cut Length  | 7.5m x 40mm x 1.5mm  |
| TP10064 | Cut Length  | 8.0m x 40mm x 1.5mm  |
| TP10069 | Cut Length  | 8.5m x 40mm x 1.5mm  |
| TP10074 | Cut Length  | 9.0m x 40mm x 1.5mm  |
| TP10079 | Cut Length  | 9.5m x 40mm x 1.5mm  |
| TP10084 | Cut Length  | 10.0m x 40mm x 1.5mm |
| TP10116 | Cut Length  | 10.5m x 40mm x 1.5mm |

\* Tube Joiner for 40mm available. See below.

## TUBE JOINERS

Main Uses: Roller Venting



| Code      | Description      | Note             |
|-----------|------------------|------------------|
| T0303015A | Tube Joiner 35mm | For joining 35mm |
| TP11171   | Tube Joiner 40mm | For joining 40mm |

# STEEL LENGTHS

## HOOP STEEL

Steel grade E370 and zinc coating Z275

### 40MM



Main Uses: Hoops

| Code      | Description | Note                 |
|-----------|-------------|----------------------|
| H7004020C | Hoop 40     | 7.0m x 40mm x 2.0mm  |
| H7504020C | Hoop 40     | 7.5m x 40mm x 2.0mm  |
| H8004020C | Hoop 40     | 8.0m x 40mm x 2.0mm  |
| H8504020C | Hoop 40     | 8.5m x 40mm x 2.0mm  |
| H9004020C | Hoop 40     | 9.0m x 40mm x 2.0mm  |
| H9504020C | Hoop 40     | 9.5m x 40mm x 2.0mm  |
| H1004020C | Hoop 40     | 10.0m x 40mm x 2.0mm |
| H1054020C | Hoop 40     | 10.5m x 40mm x 2.0mm |
| H1104020C | Hoop 40     | 11.0m x 40mm x 2.0mm |
| H1154020C | Hoop 40     | 11.5m x 40mm x 2.0mm |
| H1194020C | Hoop 40     | 11.9m x 40mm x 2.0mm |
| H1204020C | Hoop 40     | 12.0m x 40mm x 2.0mm |
| H1254020C | Hoop 40     | 12.5m x 40mm x 2.0mm |
| H1304020C | Hoop 40     | 13.0m x 40mm x 2.0mm |

# STEEL LENGTHS

## HOOP STEEL

### 50MM

Main Uses: Hoops

| Code       | Description | Note                   |
|------------|-------------|------------------------|
| H70050820C | Hoop 50     | 7.0m x 50.8mm x 2.0mm  |
| H75050820C | Hoop 50     | 7.5m x 50.8mm x 2.0mm  |
| H80050820C | Hoop 50     | 8.0m x 50.8mm x 2.0mm  |
| H85050820C | Hoop 50     | 8.5m x 50.8mm x 2.0mm  |
| H90050820C | Hoop 50     | 9.0m x 50.8mm x 2.0mm  |
| H95050820C | Hoop 50     | 9.5m x 50.8mm x 2.0mm  |
| H10050820C | Hoop 50     | 10.0m x 50.8mm x 2.0mm |
| H10550820C | Hoop 50     | 10.5m x 50.8mm x 2.0mm |
| H11050820C | Hoop 50     | 11.0m x 50.8mm x 2.0mm |
| H11550820C | Hoop 50     | 11.5m x 50.8mm x 2.0mm |
| H11950820C | Hoop 50     | 11.9m x 50.8mm x 2.0mm |
| H12050820C | Hoop 50     | 12.0m x 50.8mm x 2.0mm |
| H12550820C | Hoop 50     | 12.5m x 50.8mm x 2.0mm |
| H13050820C | Hoop 50     | 13.0m x 50.8mm x 2.0mm |



### HSO 60

Main Uses: Hoops

| Code            | Description | Note                           |
|-----------------|-------------|--------------------------------|
| H700604015HSOC  | Hoop HSO 60 | 7.0m x 60mm x 40mm OD x 1.5mm  |
| H750604015HSOC  | Hoop HSO 60 | 7.5m x 60mm x 40mm OD x 1.5mm  |
| H800604015HSOC  | Hoop HSO 60 | 8.0m x 60mm x 40mm OD x 1.5mm  |
| H850604015HSOC  | Hoop HSO 60 | 8.5m x 60mm x 40mm OD x 1.5mm  |
| H900604015HSOC  | Hoop HSO 60 | 9.0m x 60mm x 40mm OD x 1.5mm  |
| H950604015HSOC  | Hoop HSO 60 | 9.5m x 60mm x 40mm OD x 1.5mm  |
| H1000604015HSOC | Hoop HSO 60 | 10.0m x 60mm x 40mm OD x 1.5mm |
| H1050604015HSOC | Hoop HSO 60 | 10.5m x 60mm x 40mm OD x 1.5mm |
| H1100604015HSOC | Hoop HSO 60 | 11.0m x 60mm x 40mm OD x 1.5mm |
| H1150604015HSOC | Hoop HSO 60 | 11.5m x 60mm x 40mm OD x 1.5mm |
| H1190604015HSOC | Hoop HSO 60 | 11.9m x 60mm x 40mm OD x 1.5mm |
| H1200604015HSOC | Hoop HSO 60 | 12.0m x 60mm x 40mm OD x 1.5mm |
| H1250604015HSOC | Hoop HSO 60 | 12.5m x 60mm x 40mm OD x 1.5mm |
| H1300604015HSOC | Hoop HSO 60 | 13.0m x 60mm x 40mm OD x 1.5mm |



# STEEL LENGTHS

## HOOP STEEL

### HSO 80

Main Uses: Hoops



| Code            | Description | Note                           |
|-----------------|-------------|--------------------------------|
| H700804015HSOC  | Hoop HSO 80 | 7.0m x 80mm x 40mm OD x 1.5mm  |
| H750804015HSOC  | Hoop HSO 80 | 7.5m x 80mm x 40mm OD x 1.5mm  |
| H800804015HSOC  | Hoop HSO 80 | 8.0m x 80mm x 40mm OD x 1.5mm  |
| H850804015HSOC  | Hoop HSO 80 | 8.5m x 80mm x 40mm OD x 1.5mm  |
| H900804015HSOC  | Hoop HSO 80 | 9.0m x 80mm x 40mm OD x 1.5mm  |
| H950804015HSOC  | Hoop HSO 80 | 9.5m x 80mm x 40mm OD x 1.5mm  |
| H1000804015HSOC | Hoop HSO 80 | 10.0m x 80mm x 40mm OD x 1.5mm |
| H1050804015HSOC | Hoop HSO 80 | 10.5m x 80mm x 40mm OD x 1.5mm |
| H1100804015HSOC | Hoop HSO 80 | 11.0m x 80mm x 40mm OD x 1.5mm |
| H1150804015HSOC | Hoop HSO 80 | 11.5m x 80mm x 40mm OD x 1.5mm |
| H1190804015HSOC | Hoop HSO 80 | 11.9m x 80mm x 40mm OD x 1.5mm |
| H1200804015HSOC | Hoop HSO 80 | 12.0m x 80mm x 40mm OD x 1.5mm |
| H1250804015HSOC | Hoop HSO 80 | 12.5m x 80mm x 40mm OD x 1.5mm |
| H1300804015HSOC | Hoop HSO 80 | 13.0m x 80mm x 40mm OD x 1.5mm |
| H1350804015HSOC | Hoop HSO 80 | 13.5m x 80mm x 40mm OD x 1.5mm |

# STEEL LENGTHS

## HOOP EXTENSIONS

### HSO 60



Main Uses: Hoops

| Code    | Description           | Note |
|---------|-----------------------|------|
| TP11554 | Hoop Extension HSO 60 | 0.25 |
| TP11504 | Hoop Extension HSO 60 | 0.5m |
| TP11506 | Hoop Extension HSO 60 | 1.0m |

### HSO 80

Main Uses: Hoops

| Code    | Description           | Note |
|---------|-----------------------|------|
| TP10008 | Hoop Extension HSO 80 | 0.25 |
| TP10009 | Hoop Extension HSO 80 | 0.5m |
| TP10011 | Hoop Extension HSO 80 | 1.0m |

# STEEL LENGTHS

## STRUT\*

### 40MM



Main Uses: End Kits | Internal Bracing | Perimeter Anchors

| Code      | Description | Note                |
|-----------|-------------|---------------------|
| S1504015A | Strut       | 1.5m x 40mm x 1.5mm |
| S2204015A | Strut       | 2.2m x 40mm x 1.5mm |
| S2404015A | Strut       | 2.4m x 40mm x 1.5mm |
| S2704015A | Strut       | 2.7m x 40mm x 1.5mm |
| S2904015A | Strut       | 2.9m x 40mm x 1.5mm |
| S3004015A | Strut       | 3.0m x 40mm x 1.5mm |
| S3304015A | Strut       | 3.3m x 40mm x 1.5mm |
| S3404015A | Strut       | 3.4m x 40mm x 1.5mm |
| S3704015A | Strut       | 3.7m x 40mm x 1.5mm |
| S4004015A | Strut       | 4.0m x 40mm x 1.5mm |

\* Other sizes available on request.

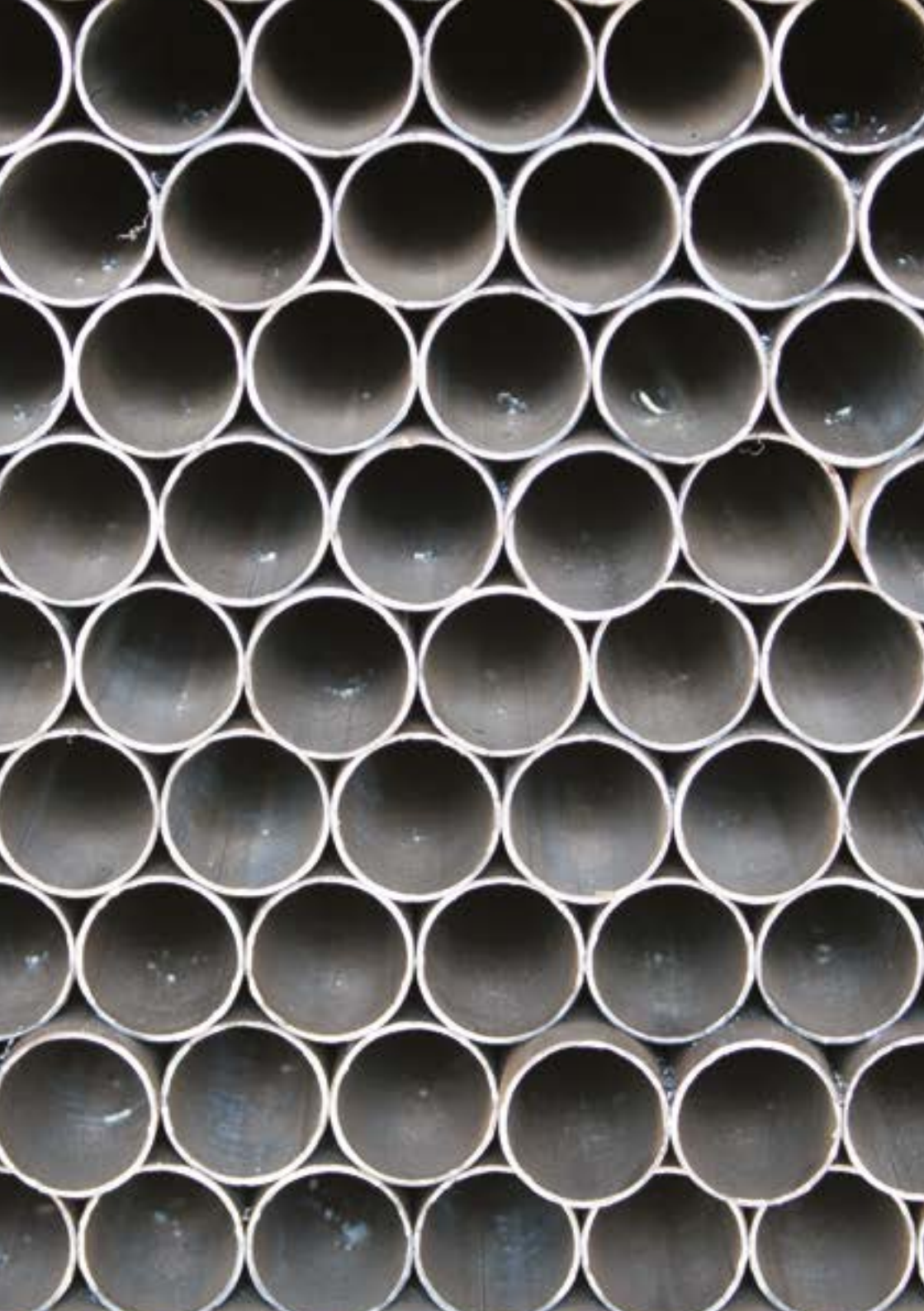
# STEEL LENGTHS

## TELESCOPIC STRUT



Main Uses: Crop Support Systems | Internal V Bracing | Roller Doors

| Code    | Description      | Note         |
|---------|------------------|--------------|
| TA02165 | Telescopic Strut | 0.7m to 1.1m |
| TA02166 | Telescopic Strut | 0.9m to 1.5m |
| TA02151 | Telescopic Strut | 1.3m to 2.3m |
| TA02167 | Telescopic Strut | 2.2m to 4.1m |



# 12. LEGS & ANCHORS

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# LEGS & ANCHORS

## PIONEER LEGS



### Pioneer 40

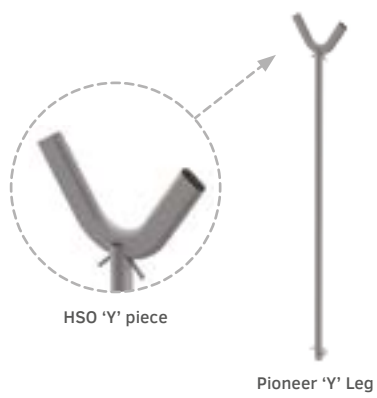
| Code           | Description    | Note                   |
|----------------|----------------|------------------------|
| L2504020CSF130 | Pioneer 40 Leg | 2.5m x 40mm x 2.0mm XS |

### Pioneer 50

| Code            | Description    | Note                                        |
|-----------------|----------------|---------------------------------------------|
| L25050820CSF150 | Pioneer 50 Leg | 2.5m x 50.8mm x 2.0mm XS with 150mm Flight  |
| L27550820CSF150 | Pioneer 50 Leg | 2.75m x 50.8mm x 2.0mm XS with 150mm Flight |

# LEGS & ANCHORS

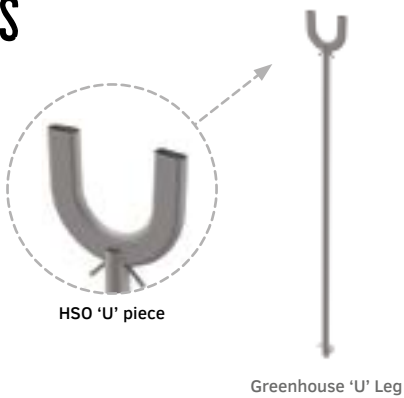
## PIONEER LEGS



| Pioneer HSO 60     |                    |                                                     |
|--------------------|--------------------|-----------------------------------------------------|
| Code               | Description        | Note                                                |
| L2754020Y5030CF130 | Pioneer HSO 60 Leg | 2.75m x 40mm x 2mm (50mm x 30mm Y-Piece) Flight 130 |

| Pioneer HSO 80     |                    |                                                     |
|--------------------|--------------------|-----------------------------------------------------|
| Code               | Description        | Note                                                |
| L2755020Y7131CF150 | Pioneer HSO 80 Leg | 2.75m x 50.8mm x 2mm (71mm x 31mm YPiece)Flight 150 |
| L3255020Y7131CF150 | Pioneer HSO 80 Leg | 3.25m x 50.8mm x 2mm (71mm x 31mm YPiece)Flight 150 |

## GREENHOUSE LEGS



| Greenhouse HSO 80 |                   |                                                        |
|-------------------|-------------------|--------------------------------------------------------|
| Code              | Description       | Note                                                   |
| L250507131CSUT150 | Greenhouse 80 Leg | 2.5m x 50mm x 2.0mm (71mm x 31mm U-Piece) 150mm Flight |

# LEGS & ANCHORS

## TELESCOPIC LEGS



Telescopic Leg

### Telescopic HSO 80

| Code               | Description           | Note                                      |
|--------------------|-----------------------|-------------------------------------------|
| L22550207131CST150 | Telescopic HSO 80 Leg | 2.25m x 50mm x 2.0mm XS with 150mm Flight |
| L25050207131CST150 | Telescopic HSO 80 Leg | 2.5m x 50mm x 2.0mm XS with 150mm Flight  |

## VENTURA LEGS



HSO 'V' piece

Ventura 'V' Leg

### Ventura HSO 80

| Code               | Description  | Note                                                   |
|--------------------|--------------|--------------------------------------------------------|
| L2255020V7131CF150 | V-Leg HSO 80 | 2.25m x 50mm x 2mm<br>(71mm x 31mm V-piece) Flight 150 |

# LEGS & ANCHORS

## SOLO ANCHORS



Single Prong  
Anchor

Main Uses: Solo 40

| Code            | Description                       | Note                              |
|-----------------|-----------------------------------|-----------------------------------|
| L07034AHD000150 | Leg Anchor Single Prong – Solo 40 | 0.7m Depth 0m Lift (150mm Flight) |



HSO Double  
Prong 'U' Anchor



HSO Single  
Prong Anchor

Main Uses: Solo HSO 80

| Code          | Description                       | Note                       |
|---------------|-----------------------------------|----------------------------|
| L0857131SP180 | Solo HSO 80 Single Prong Anchor   | 0.85m Depth (180mm flight) |
| TW03165       | Solo HSO 80 Double Prong U-Anchor | 1m Depth (Flight 150)      |

# LEGS & ANCHORS

## TUNNEL BRACING ANCHORS



A



B/C



D



E

|   | Code       | Description              | Main Uses                                            |
|---|------------|--------------------------|------------------------------------------------------|
| A | PXANC07540 | T Anchor 0.75m x 40mm    | Perimeter Anchors, Front Bracing                     |
| B | SDF029     | Roller Door Anchor 35mm  | Roller Doors                                         |
| C | TA02168    | Roller Door Anchor 40mm  | Roller Doors                                         |
| D | TW03149    | RSS 50 Leg Anchor        | Crop Support Systems, 2 Part Legs                    |
| E | HW00028PL  | Twist Anchor 1.0m x 20mm | Stability Cabling, Trellis Cabling, Headland Bracing |

TO PLACE AN ORDER CALL **01531 637122**

# 13.

# AUGER UNIONS

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# AUGER UNIONS



**Main Uses:** Tool attachment to drill legs and anchors into the ground.

|   | Code           | Description | Note                                                                        |
|---|----------------|-------------|-----------------------------------------------------------------------------|
| A | PXAUG50SOL00   | Auger Union | Solo 50 Single Prong Anchor 0m Uplift Anchors                               |
| B | PXAUG80SOL00   | Auger Union | HSO 80 Solo Single Prong 0m Uplift                                          |
| C | PXAUG80SOL0100 | Auger Union | HSO 80 Solo Single Prong, up to 1m Uplift                                   |
| D | PXAUGDOUBF     | Auger Union | Solo Double Prong                                                           |
| E | PXAUGHALO      | Auger Union | for Twist Anchors                                                           |
| F | PXAUGSING      | Auger Union | Solo 40 Single Prong Anchor 0m Uplift Anchor                                |
| G | PXAUGTELE      | Auger Union | Telescopic Leg                                                              |
| H | TW02443        | Auger Union | Universal for all Pioneer 'Y' Piece, Ventura 'V' Leg and Greenhouse 'U' Leg |

# 14.

# TOOLS





## HOLE SAW & ARBOR KIT

| Code     | Main Uses         | Other use                   |
|----------|-------------------|-----------------------------|
| XHOLESAW | Rainwater Gutters | Cutting downpipes in gutter |



## POP RIVET TOOL

| Code    | Main Uses         | Other use     |
|---------|-------------------|---------------|
| XPRTOOL | Rainwater Gutters | Insert rivets |



## WIRE TOOL

| Code      | Main Uses             | Other use             |
|-----------|-----------------------|-----------------------|
| XWIRETOOL | Top Wire, Side Skirts | Securing wire to tube |



## TRELLIS TENSIONING TOOL

| Code  | Main Uses                        | Other use                                                    |
|-------|----------------------------------|--------------------------------------------------------------|
| TRTTF | Stability Cabling, Trellis Cable | Used in combination with Trellis Ratchet Tool. 3 to 9mm Wire |



## TRELLIS RATCHET TOOL

| Code | Main Uses                          | Other use                                         |
|------|------------------------------------|---------------------------------------------------|
| TRRT | Stability Cabling, Trellis Cabling | Used in combination with Trellis Tensioning Tool. |

# TOOLS



## ROPE CLAMP

| Code   | Main Uses     | Other use                 |
|--------|---------------|---------------------------|
| CROPEO | Sheeting Rope | Used for tensioning ropes |



## SNOW PUSHER ALUMINIUM 30X2MM

| Code      | Main Uses                        | Other use                             |
|-----------|----------------------------------|---------------------------------------|
| XSNOWPUSH | Tunnel management in snow events | Used in combination with Venting Tool |



## TAPE CLAMP

| Code  | Main Uses     | Other use                          |
|-------|---------------|------------------------------------|
| CTAPE | Sheeting Tape | Used for tensioning sheeting tapes |



## SHEETING TAPE DISPENSER CENTRE

| Code        | Main Uses     | Other use     |
|-------------|---------------|---------------|
| XTAPEDISCEN | Sheeting Tape | For 25mm tape |

## FERRULE TOOL

| Code        | Main Uses    | Other use          |
|-------------|--------------|--------------------|
| FERRULETOOL | Ferrule Tool | For 3.5mm Ferrules |



# 15.

# POLYTHENE

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## CLASSIC CLEAR POLYTHENE

### Polythene Specification

| Property           | Description                   | Unit      | Specification |
|--------------------|-------------------------------|-----------|---------------|
| Light Transmission | Transmission of visible light | %         | ≥ 88          |
| Diffusion          | % of scattered light          | %         | ≤ 35          |
| Thermicity         | Blocking of infra-red light   | %         | > 40          |
| Nominal Thickness  | Thickness of the film         | µm        | 150 (+/-5%)   |
| UV Exposure        |                               | Lifetime  |               |
| <100kLy            |                               | 3 seasons |               |

### Main Uses: Tunnel Cover

| Code           | Description           | Note                 |
|----------------|-----------------------|----------------------|
| UC082000200150 | Visqueen Clear Low UV | 8.2m x 200m x 150mu  |
| UC082000400150 | Visqueen Clear Low UV | 8.2m x 400m x 150mu  |
| UC082000600150 | Visqueen Clear Low UV | 8.2m x 600m x 150mu  |
| UC082000800150 | Visqueen Clear Low UV | 8.2m x 800m x 150mu  |
| UC087000200150 | Visqueen Clear Low UV | 8.7m x 200m x 150mu  |
| UC087000400150 | Visqueen Clear Low UV | 8.7m x 400m x 150mu  |
| UC087000600150 | Visqueen Clear Low UV | 8.7m x 600m x 150mu  |
| UC087000800150 | Visqueen Clear Low UV | 8.7m x 800m x 150mu  |
| UC092000200150 | Visqueen Clear Low UV | 9.2m x 200m x 150mu  |
| UC092000400150 | Visqueen Clear Low UV | 9.2m x 400m x 150mu  |
| UC092000600150 | Visqueen Clear Low UV | 9.2m x 600m x 150mu  |
| UC092000800150 | Visqueen Clear Low UV | 9.2m x 800m x 150mu  |
| UC097000200150 | Visqueen Clear Low UV | 9.7m x 200m x 150mu  |
| UC097000400150 | Visqueen Clear Low UV | 9.7m x 400m x 150mu  |
| UC097000600150 | Visqueen Clear Low UV | 9.7m x 600m x 150mu  |
| UC097000800150 | Visqueen Clear Low UV | 9.7m x 800m x 150mu  |
| UC102000200150 | Visqueen Clear Low UV | 10.2m x 200m x 150mu |
| UC102000400150 | Visqueen Clear Low UV | 10.2m x 400m x 150mu |
| UC102000600150 | Visqueen Clear Low UV | 10.2m x 600m x 150mu |
| UC102000800150 | Visqueen Clear Low UV | 10.2m x 800m x 150mu |
| UC107000400150 | Visqueen Clear Low UV | 10.7m x 200m x 150mu |
| UC107000400150 | Visqueen Clear Low UV | 10.7m x 400m x 150mu |
| UC107000600150 | Visqueen Clear Low UV | 10.7m x 600m x 150mu |
| UC107000800150 | Visqueen Clear Low UV | 10.7m x 800m x 150mu |

CLASSIC CLEAR POLYTHENE

Main Uses: Tunnel Cover

| Code           | Description           | Note                 |
|----------------|-----------------------|----------------------|
| UC110000200150 | Visqueen Clear Low UV | 11.2m x 200m x 150mu |
| UC112000400150 | Visqueen Clear Low UV | 11.2m x 400m x 150mu |
| UC112000600150 | Visqueen Clear Low UV | 11.2m x 600m x 150mu |
| UC112000800150 | Visqueen Clear Low UV | 11.2m x 800m x 150mu |
| UC117000200150 | Visqueen Clear Low UV | 11.7m x 200m x 150mu |
| UC117000400150 | Visqueen Clear Low UV | 11.7m x 400m x 150mu |
| UC117000600150 | Visqueen Clear Low UV | 11.7m x 600m x 150mu |
| UC122000200150 | Visqueen Clear Low UV | 12.2m x 200m x 150mu |
| UC122000400150 | Visqueen Clear Low UV | 12.2m x 400m x 150mu |
| UC122000600150 | Visqueen Clear Low UV | 12.2m x 600m x 150mu |
| UC127000200150 | Visqueen Clear Low UV | 12.7m x 200m x 150mu |
| UC127000400150 | Visqueen Clear Low UV | 12.7m x 400m x 150mu |
| UC127000600150 | Visqueen Clear Low UV | 12.7m x 600m x 150mu |
| UC130000200150 | Visqueen Clear Low UV | 13.0m x 200m x 150mu |
| UC130000400150 | Visqueen Clear Low UV | 13.0m x 400m x 150mu |
| UC130000600150 | Visqueen Clear Low UV | 13.0m x 600m x 150mu |
| UC135000200150 | Visqueen Clear Low UV | 13.5m x 200m x 150mu |
| UC135000400150 | Visqueen Clear Low UV | 13.5m x 400m x 150mu |
| UC135000600150 | Visqueen Clear Low UV | 13.5m x 600m x 150mu |
| UC140000200150 | Visqueen Clear Low UV | 14.0m x 200m x 150mu |
| UC140000400150 | Visqueen Clear Low UV | 14.0m x 400m x 150mu |
| UC140000600150 | Visqueen Clear Low UV | 14.0m x 600m x 150mu |

## CLASSIC LUMINANCE POLYTHENE

### Polythene Specification

| Property           | Description                   | Unit      | Specification |
|--------------------|-------------------------------|-----------|---------------|
| Light Transmission | Transmission of visible light | %         | ≥ 87          |
| Diffusion          | % of scattered light          | %         | > 90          |
| Thermicity         | Blocking of infra-red light   | %         | > 80          |
| Nominal Thickness  | Thickness of the film         | µm        | 150 (+/-5%)   |
| UV Exposure        |                               | Lifetime  |               |
| <100kLy            |                               | 3 seasons |               |

### Main Uses: Tunnel Cover

| Code           | Description               | Note                 |
|----------------|---------------------------|----------------------|
| UL082000200150 | Visqueen LUMINANCE Low UV | 8.2m x 200m x 150mu  |
| UL082000400150 | Visqueen LUMINANCE Low UV | 8.2m x 400m x 150mu  |
| UL082000600150 | Visqueen LUMINANCE Low UV | 8.2m x 600m x 150mu  |
| UL082000800150 | Visqueen LUMINANCE Low UV | 8.2m x 800m x 150mu  |
| UL087000200150 | Visqueen LUMINANCE Low UV | 8.7m x 200m x 150mu  |
| UL087000400150 | Visqueen LUMINANCE Low UV | 8.7m x 400m x 150mu  |
| UL087000600150 | Visqueen LUMINANCE Low UV | 8.7m x 600m x 150mu  |
| UL087000800150 | Visqueen LUMINANCE Low UV | 8.7m x 800m x 150mu  |
| UL092000200150 | Visqueen LUMINANCE Low UV | 9.2m x 200m x 150mu  |
| UL092000400150 | Visqueen LUMINANCE Low UV | 9.2m x 400m x 150mu  |
| UL092000600150 | Visqueen LUMINANCE Low UV | 9.2m x 600m x 150mu  |
| UL092000800150 | Visqueen LUMINANCE Low UV | 9.2m x 800m x 150mu  |
| UL097000200150 | Visqueen LUMINANCE Low UV | 9.7m x 200m x 150mu  |
| UL097000400150 | Visqueen LUMINANCE Low UV | 9.7m x 400m x 150mu  |
| UL097000600150 | Visqueen LUMINANCE Low UV | 9.7m x 600m x 150mu  |
| UL097000800150 | Visqueen LUMINANCE Low UV | 9.7m x 800m x 150mu  |
| UL102000200150 | Visqueen LUMINANCE Low UV | 10.2m x 200m x 150mu |
| UL102000400150 | Visqueen LUMINANCE Low UV | 10.2m x 400m x 150mu |
| UL102000600150 | Visqueen LUMINANCE Low UV | 10.2m x 600m x 150mu |
| UL102000800150 | Visqueen LUMINANCE Low UV | 10.2m x 800m x 150mu |
| UL107000200150 | Visqueen LUMINANCE Low UV | 10.7m x 200m x 150mu |
| UL107000400150 | Visqueen LUMINANCE Low UV | 10.7m x 400m x 150mu |
| UL107000600150 | Visqueen LUMINANCE Low UV | 10.7m x 600m x 150mu |
| UL107000800150 | Visqueen LUMINANCE Low UV | 10.7m x 800m x 150mu |

## CLASSIC LUMINANCE POLYTHENE

### Main Uses: Tunnel Cover

| Code           | Description               | Note                 |
|----------------|---------------------------|----------------------|
| UL112000200150 | Visqueen LUMINANCE Low UV | 11.2m x 200m x 150mu |
| UL112000400150 | Visqueen LUMINANCE Low UV | 11.2m x 400m x 150mu |
| UL112000600150 | Visqueen LUMINANCE Low UV | 11.2m x 600m x 150mu |
| UL112000800150 | Visqueen LUMINANCE Low UV | 11.2m x 800m x 150mu |
| UL117000200150 | Visqueen LUMINANCE Low UV | 11.7m x 200m x 150mu |
| UL117000400150 | Visqueen LUMINANCE Low UV | 11.7m x 400m x 150mu |
| UL117000600150 | Visqueen LUMINANCE Low UV | 11.7m x 600m x 150mu |
| UL122000200150 | Visqueen LUMINANCE Low UV | 12.2m x 200m x 150mu |
| UL122000400150 | Visqueen LUMINANCE Low UV | 12.2m x 400m x 150mu |
| UL122000600150 | Visqueen LUMINANCE Low UV | 12.2m x 600m x 150mu |
| UL130000200150 | Visqueen LUMINANCE Low UV | 13.0m x 200m x 150mu |
| UL130000400150 | Visqueen LUMINANCE Low UV | 13.0m x 400m x 150mu |
| UL130000600150 | Visqueen LUMINANCE Low UV | 13.0m x 600m x 150mu |
| UL135000200150 | Visqueen LUMINANCE Low UV | 13.5m x 200m x 150mu |
| UL135000400150 | Visqueen LUMINANCE Low UV | 13.5m x 400m x 150mu |
| UL135000600150 | Visqueen LUMINANCE Low UV | 13.5m x 600m x 150mu |
| UL140000200150 | Visqueen LUMINANCE Low UV | 14.0m x 200m x 150mu |
| UL140000400150 | Visqueen LUMINANCE Low UV | 14.0m x 400m x 150mu |
| UL140000600150 | Visqueen LUMINANCE Low UV | 14.0m x 600m x 150mu |

## CLASSIC LUMINANCE 55

### Polythene Specification

| Property           | Description                   | Unit      | Specification |
|--------------------|-------------------------------|-----------|---------------|
| Light Transmission | Transmission of visible light | %         | ≥ 88          |
| Diffusion          | % of scattered light          | %         | 55 (+/-5%)    |
| Thermicity         | Blocking of infra-red light   | %         | > 80          |
| Nominal Thickness  | Thickness of the film         | µm        | 150 (+/-5%)   |
| UV Exposure        |                               | Lifetime  |               |
| <100kLy            |                               | 3 seasons |               |

### Main Uses: Tunnel Cover

| Code             | Description                   | Note                 |
|------------------|-------------------------------|----------------------|
| UL08200020055150 | Visqueen Luminance 55% Low UV | 8.2m x 200m x 150mu  |
| UL08200040055150 | Visqueen Luminance 55% Low UV | 8.2m x 400m x 150mu  |
| UL08200060055150 | Visqueen Luminance 55% Low UV | 8.2m x 600m x 150mu  |
| UL08200080055150 | Visqueen Luminance 55% Low UV | 8.2m x 800m x 150mu  |
| UL08700020055150 | Visqueen Luminance 55% Low UV | 8.7m x 200m x 150mu  |
| UL08700040055150 | Visqueen Luminance 55% Low UV | 8.7m x 400m x 150mu  |
| UL08700060055150 | Visqueen Luminance 55% Low UV | 8.7m x 600m x 150mu  |
| UL08700080055150 | Visqueen Luminance 55% Low UV | 8.7m x 800m x 150mu  |
| UL09200020055150 | Visqueen Luminance 55% Low UV | 9.2m x 200m x 150mu  |
| UL09200040055150 | Visqueen Luminance 55% Low UV | 9.2m x 400m x 150mu  |
| UL09200060055150 | Visqueen Luminance 55% Low UV | 9.2m x 600m x 150mu  |
| UL09200080055150 | Visqueen Luminance 55% Low UV | 9.2m x 800m x 150mu  |
| UL09700020055150 | Visqueen Luminance 55% Low UV | 9.7m x 200m x 150mu  |
| UL09700040055150 | Visqueen Luminance 55% Low UV | 9.7m x 400m x 150mu  |
| UL09700060055150 | Visqueen Luminance 55% Low UV | 9.7m x 600m x 150mu  |
| UL09700080055150 | Visqueen Luminance 55% Low UV | 9.7m x 800m x 150mu  |
| UL10200020055150 | Visqueen Luminance 55% Low UV | 10.2m x 200m x 150mu |
| UL10200040055150 | Visqueen Luminance 55% Low UV | 10.2m x 400m x 150mu |
| UL10200060055150 | Visqueen Luminance 55% Low UV | 10.2m x 600m x 150mu |
| UL10200080055150 | Visqueen Luminance 55% Low UV | 10.2m x 800m x 150mu |
| UL10700020055150 | Visqueen Luminance 55% Low UV | 10.7m x 200m x 150mu |
| UL10700040055150 | Visqueen Luminance 55% Low UV | 10.7m x 400m x 150mu |
| UL10700060055150 | Visqueen Luminance 55% Low UV | 10.7m x 600m x 150mu |
| UL10700080055150 | Visqueen Luminance 55% Low UV | 10.7m x 800m x 150mu |

## CLASSIC LUMINANCE 55

### Main Uses: Tunnel Cover

| Code             | Description                   | Note                 |
|------------------|-------------------------------|----------------------|
| UL11200020055150 | Visqueen Luminance 55% Low UV | 11.2m x 200m x 150mu |
| UL11200040055150 | Visqueen Luminance 55% Low UV | 11.2m x 400m x 150mu |
| UL11200060055150 | Visqueen Luminance 55% Low UV | 11.2m x 600m x 150mu |
| UL11200080055150 | Visqueen Luminance 55% Low UV | 11.2m x 800m x 150mu |
| UL11700020055150 | Visqueen Luminance 55% Low UV | 11.7m x 200m x 150mu |
| UL11700040055150 | Visqueen Luminance 55% Low UV | 11.7m x 400m x 150mu |
| UL11700060055150 | Visqueen Luminance 55% Low UV | 11.7m x 600m x 150mu |
| UL12200020055150 | Visqueen Luminance 55% Low UV | 12.2m x 200m x 150mu |
| UL12200040055150 | Visqueen Luminance 55% Low UV | 12.2m x 400m x 150mu |
| UL12200060055150 | Visqueen Luminance 55% Low UV | 12.2m x 600m x 150mu |
| UL13000020055150 | Visqueen Luminance 55% Low UV | 13.0m x 200m x 150mu |
| UL13000040055150 | Visqueen Luminance 55% Low UV | 13.0m x 400m x 150mu |
| UL13000060055150 | Visqueen Luminance 55% Low UV | 13.0m x 600m x 150mu |
| UL13500020055150 | Visqueen Luminance 55% Low UV | 13.5m x 200m x 150mu |
| UL13500040055150 | Visqueen Luminance 55% Low UV | 13.5m x 400m x 150mu |
| UL13500060055150 | Visqueen Luminance 55% Low UV | 13.5m x 600m x 150mu |
| UL14000020055150 | Visqueen Luminance 55% Low UV | 14.0m x 200m x 150mu |
| UL14000040055150 | Visqueen Luminance 55% Low UV | 14.0m x 400m x 150mu |
| UL14000060055150 | Visqueen Luminance 55% Low UV | 14.0m x 600m x 150mu |
| UL12200020055180 | Visqueen Luminance 55% Low UV | 12.2m x 200m x 180mu |
| UL12200040055180 | Visqueen Luminance 55% Low UV | 12.2m x 400m x 180mu |
| UL12200060055180 | Visqueen Luminance 55% Low UV | 12.2m x 600m x 180mu |



# INDEX

## A

- Adjustable Clamp, 9
- Adjustable Truss Support, 23
- Anchors
  - HSO Double Prong 'U' Anchor, 60
  - HSO Single Prong Anchor, 60
  - Single Prong Anchor, 60
- Auger Unions, 63

## B

- Bird Net, 43
- Bolts, 15

## C

- Cable, 35
- Carriage Bolts, 15
- Chain, 35
- Clamps, 3–9
- Clips, 11–12
- Crop Support Accessories
  - Bungee With Ball, 12
  - Top Bar Clip, 12
- Cut Length Tube (Steel)
  - 30mm, 47
  - 35mm, 47

## D

- Door Clamps
  - Door Base Follower, 7
  - Door Support Bracket, 7
  - Roller Door Plate, 7
- Door Mechanism
  - AC Electric Door Motor, 27
  - DC Electric Door Motor, 28
  - Manual Door Winder, 30
  - Manual Gearbox Door Gearbox, 29
- Downpipe, 19
- Drive Systems, 27–32
- D Shackle, 9

## E

- End Caps With Downpipe, 23
- End Caps Without Downpipe, 24
- End Plates, 19
- Extra Long U-Bolt, 3

## F

- Fasteners, 15–17
- Ferrules, 36
- Flat Plate, 4

## G

- Greenhouse Legs, 58
- Gutter Accessories, 19–21

## H

- Hinge Clamp, 4
- Hole Saw & Arbor Kit, 65
- Hoop Clips, 11
- Hoop Extensions, 52
  - HSO 60, 52
  - HSO 80, 52
- Hoop Steel
  - 40mm, 49
  - 50mm, 50
  - HSO 60, 50
  - HSO 80, 51

## L

- Leaf Clips, 24
- Legs, 57–61
  - Greenhouse 'U' Leg, 58
  - Pioneer 'Y' Leg, 57, 58
  - Telescopic Leg, 59
  - Ventura 'V' Leg, 59

## M

- Miscellaneous Clamps, 9

## N

- Non-Hinge Clamp, 5
- Nuts, 15

## P

### Pioneer Legs

- Pioneer 40, 57
- Pioneer 50, 57
- Pioneer HSO 60, 58
- Pioneer HSO 80, 58

### Polylock Items

- Joiner, 45
- Lightweight Channel, 45
- Zip Lock Wire, 45

### Polylock Rail Clamp, 6

### Polylock Tape, 41

### Polythene

- Classic Clear Polythene, 69
- Classic Luminance 55, 73
- Classic Luminance Polythene, 71

### Pop Rivet Tool, 65

## R

### Raincaps, 20

### Rivets, 16

### Roller Tubes (Steel)

- 32mm, 48
- 40mm, 48

### Rope, 39

### Rope Clamp, 66

### Rope Hook Bracket, 21

## S

### Screws, 16

### Sheeting Tape Dispenser Centre, 66

### Sheet Materials, 43

### S-Hooks, 41

### Side Bracing Clamp, 6

### Snow Pusher, 66

### Solo Anchors

- Solo 40, 60
- Solo HSO 80, 60

### Steel Lengths, 47–55

### String, 39

### Strut, 53

### Strut, Telescopic, 54

### Substrate Accessories, 23–25

## T

### Tape

- Polylock Tape, 41
- Quick Release Tape, 40
- Repair Tape, 40
- Sheeting Tape, 40
- S-Hooks, 41
- Top Tape, 41
- Truss Support Tape, 41

### Tape Clamp, 66

### Telescopic Legs, 59

### Tools, 65–66

### Top Tape, 41

### Top Tube Accessories

- Termination Clamp, 8
- Top Tube Joiner, 8
- Twist Dropper, 8

### Trellis Ratchet Tool, 65

### Trellis Tensioning Tool, 65

### Truss Support Mesh, 43

### Truss Support Tape, 41

### Tube Sleeve, 20

### Tunnel Bracing Anchors, 61

## U

### U-Bolt, 3

### U-Bolt, Extra Long, 3

### U-Bolt with Pressure Plate, 4

## V

### Venting Clip, 12

### Vents & Side Skirts

- AC Electric Vent Motor, 30
- Manual Gearbox Vent Gearbox, 31
- Venting Accessories, 32

### Ventura Legs, 59

## W

### Washers, 16

### Wire, 35–36

### Wire Accessories

- S-Hooks, 36
- Wire Cable Grips, 36

### Wire Clip, 12

### Wire Tool, 65

### Woven Material, 43

# NOTES

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