

Technical File

In accordance with Annex III Of (EU) 2016/425

I. General Information

1. General Information

| | | |
|-----|---------|--|
| 1.1 | Name | Briers Ltd |
| 1.2 | Address | Station Road, Wincanton, Somerset, BA9 9FE |

2. Product Information

| | | |
|-----|---------------------|---------------------------------------|
| 2.1 | Product Description | Ladies Triple Pack Seed & Weed Gloves |
| 2.2 | Product Model No. | B8679 |
| 2.3 | Product Size | Medium |
| 2.4 | Brand Name | Briers |

3. Brand and Distributor Information (If the model is branded for distributors)

| | | |
|-----|---------------------|--|
| 3.1 | Brand Name | |
| 3.2 | Brand Owner Name | |
| 3.3 | Brand Owner Address | |
| 3.4 | Product Description | |
| 3.5 | Product Model No. | |

4. Risks against which the PPE is intended to protect

General gardening, DIY, demolition, bramble cutting, log cutting.

| Risk | Assessment Method (Test Method) | Testing to (Level of performance refer to below table) |
|----------------------|------------------------------------|---|
| Abrasion Resistance | EN 388:2003, 6.1 | 4 |
| Blade Cut Resistance | EN 388:2003, 6.2 | 1 |
| Tear Strength | EN 388:2003, 6.4 | 2 |
| Puncture Resistance | EN 388:2003, 6.5 | 1 |

II. Product Information

1. Parts List

| Type | Material |
|-------|-----------------|
| Palm | Nitrile Coating |
| Liner | Polyester |

2. Product Materials and Photos (Appendix A)

3. Overall Dimensions (Appendix B)

4. Product Marking (Appendix C)

5. Instruction for Use (Appendix D)

6. Relative Standards and Regulation to meet Essential Safety Requirements of the Regulation

| Standard | Title |
|-----------------------|--|
| EN420: 2003 + A1:2009 | General requirements and test methods |
| EN388:2003 | Protective gloves against mechanical risks |

7. Prototype Test Report(s) (Detailed Reports Appendix E)

| Section 4 General requirements Clauses from EN 420 | Test report number |
|---|---------------------------|
| Determination of pH value (4.3.2) | |
| Azo Dyes (PPE Directive) | |
| Formaldehyde BS EN ISO 17226-1:2008 | |
| Chromium VI BS EN ISO 17075:2007 | |

| Section 5 Comfort and efficiency Clauses from EN 420 | Test report number |
|---|---------------------------|
| Sizes and measurements of glove (5.1.2) | |
| Dexterity (5.2) | |

| Clause from EN 388 | Test report number |
|----------------------------|---------------------------|
| Abrasion resistance (6.1) | S180405329_2 |
| Blade cut resistance (6.2) | S180405329_2 |
| Tear strength (6.4) | S180405329_2 |
| Puncture resistance (6.5) | S180405329_2 |

III. Manufacture Information

1. Sequence of Manufacture & Quality Control Procedure (Ongoing)

| No. | Procedure | Quality Control |
|-----|----------------------|--|
| 1 | Raw material control | Supplier should also submit the "Declaration of Innocuousness" of raw materials comply with EN 420 pH, Chromium VI, Azo dyes. The QC will pick up 1 piece per batch for thickness test, make sure the leather is 1.2mm and above and can provide the stable level. Bulk production products will be sent to 3rd party lab to retest part of EN 388:2003 from batch to batch/year to year to ensure performance. Make sure all the goods are in good quality. |
| 2 | Cutting | Cutting the raw materials as per the specification, make sure the cutting board is clear to avoid contamination. |
| 3 | Stitching | During the stitching, Online QC will pick up 1 sample per batch to test the seam strength in own lab. Change the stitching thread if any failure. Sizing will be checked by own lab. Reject the product if they cannot meet the minimum requirement. |
| 4 | Ergonomics | The QC will carry out the fitting test for the final gloves 1 sample per batch. Make sure the size is correct. |
| 4 | Labeling | The care label/CE Marking should be stitched at the edge. The label must be visible & legible. Logo on glove is added by a silk screen printing machine. Header cards are added using a plastic pin and suspension gun. |
| 6 | Packing | The final glove is packed, the user information is given to each individual package |

2. Quality Control and Testing (Appendix F)

IV. Declaration

1. Material Declaration (Appendix G)
2. Model EU Declaration of Conformity (Appendix H)

V. Category III Production

If category III PPE copy of Module C2 or D certification (Appendix I) – N/A

Documentation No. Appendix A – Product Materials



| No. | Part Name | Material |
|-----|-----------|-----------------|
| 1 | Liner | 100% Polyester |
| 2 | Outer | Nitrile coating |

Documentation No. Appendix B – Overall Dimensions



| | Medium size 8 | Tolerance |
|--------------------------|---------------|-----------|
| Overall Length mm | 240– 250mm | +/- 5% |
| Circumference Nominal mm | 210 | +/- 5% |

Documentation No. Appendix C – Product Marking

Manufacturer`s Instructions and Information

The EU declaration of conformity of this product is included in this manual.

- This glove complies with the Personal Protective Equipment Regulation(EU) 2016/425 and meets the requirements of the European standard EN 420:2003+A1:2009 and EN 388:2003
- This glove protects against mechanical risks

Product description

Product Name: Ladies Triple Pack Seed & Weed
 Glove Reference: B8679
 Sizes available: 8 (M)

Fig 1. Pictograms and Performance Levels:

| Test | Performance level |
|--|-------------------|
| Abrasion resistance level | 4 |
| Blade cut level | 1 |
| Tear resistance level | 2 |
| Puncture resistance levels | 1 |
| Cut Resistance | X |
| Impact Protection | X |
| 0: indicates that the glove falls below the minimum performance level for the given individual hazard | |
| X: indicates that the glove has not been submitted to the test or the test method appears not to be suitable for the glove design or material. | |
| The numbers above indicate the performance level of the gloves 1 = lowest 4 = highest 5 = highest for blade cut resistance | |

Note:

1. Not to be used for chemical protection or use where a risk of entanglement by moving parts
2. Protection is only given to the palm
3. This glove does not give protection against electricity.

Use and Care Instruction

- (i) Choose the appropriate glove size, and quality (regular or heavy duty) based upon the application.
- (ii) Inspect the glove visually for any physical damage, contamination, excess moisture, dirt, dust, etc. Do not use the glove if it is found to be damaged.
- (iii) Wear the glove correctly to cover the full palm and ensure it pulls over and covers the wrist.
- (iv) Store the glove properly after using, away from fire, naked flames and electrical elements
- (v) Before re-using the glove, again check for any physical damage, contamination, excess moisture, dirt, dust, etc.
- (vi) This glove can be washed.
- (vii) The packaging provided with the glove is suitable for the required transport
- (viii) Gloves and packaging should be disposed of as per local provisions, taking into account recycling of materials if applicable

EN420: 2003 + A1:2009 Protective gloves - General requirements and test methods.

Dexterity Level of Performance Level 5.

For performance details please see Table Fig 01.

Documentation No. Appendix E – Essential Health & Safety Requirements & Test Reports

In accordance with Personal Protective Equipment Regulation (EU) 2016/425 Annex II

| | REQUIREMENT | CONFORMITY |
|---------|--|---|
| 1 | General requirements applicable to all PPE | |
| | PPE must provide adequate protection against the risks against which it is intended to protect | EN 388:2003 Regulation (EU) 2016/425 |
| 1.1 | Design principles | |
| 11.1 | Ergonomics | EN 420:2003 + A1:2009 |
| 1.1.2 | Levels and classes of protection | EN 388:2003 |
| 1.1.2.1 | Optimum level of protection possible | EN 388:2003 |
| 1.1.2.2 | Classes of protection appropriate to different levels of risk | EN 388:2003 |
| 1.2 | Innocuousness of PPE | |
| 1.2.1 | Absence of inherent risk and other nuisance factors | EN 420:2003 + A1:2009 |
| 1.2.1.1 | Suitable constituent materials | EN 420:2003 + A1:2009 |
| 1.2.1.2 | Satisfactory surface conditions of all PPE parts in contact with the User | EN 420:2003 + A1:2009 |
| 1.2.1.3 | Maximum permissible user impediment | EN 420:2003 + A1:2009 |
| 1.3 | Comfort and effectiveness | |
| 1.3.1 | Adaptation of PPE to user morphology | Size 11 |
| 1.3.2 | Lightness and design strength | EN 420:2003 + A1:2009 |
| 1.3.3 | Compatibility of different classes or types of PPE designed for simultaneous use | N/A |
| 1.3.4 | Protective clothing containing removable protectors | N/A |
| 1.4 | Manufacturer's instructions and information | EN 420:2003 + A1:2009 EN 388:2003 |

| | REQUIREMENT | CONFORMITY |
|----------|--|-----------------------|
| 2 | Additional Requirements Common to Several Types of PPE | |
| 2.1 | PPE incorporating adjustment systems | N/A |
| 2.2 | PPE enclosing the parts of the body to be protected | EN 420:2003 + A1:2009 |
| 2.3 | PPE for the face, eyes and respiratory system | N/A |
| 2.4 | PPE subject to ageing | N/A |
| 2.5 | PPE which may be caught up during use | N/A |
| 2.6 | PPE for use in potentially explosive atmospheres | N/A |
| 2.7 | PPE intended for rapid intervention or to be put on or removed rapidly | N/A |
| 2.8 | PPE for intervention in very dangerous situations | N/A |
| 2.9 | PPE incorporating components which can be adjusted or removed by the user | N/A |
| 2.10 | PPE for connection to complementary equipment external to the PPE | N/A |
| 2.11 | PPE incorporating a fluid circulating system | N/A |
| 2.12 | PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety | EN 420:2003 + A1:2009 |
| 2.13 | PPE capable of signalling the user's presence visually | N/A |
| 2.14 | 'Multi-risk' PPE | N/A |

| | REQUIREMENT | CONFORMITY |
|----------|--|-------------|
| 3 | Additional Requirements Specific to Particular Risks | |
| 3.1 | Protecting against mechanical impact | |
| 3.1.1 | Impact caused by falling or ejected objects and collision of parts of the body with an obstacle | N/A |
| 3.1.2 | Falls | N/A |
| 3.1.2.1 | Prevention of falls due to slipping | N/A |
| 3.1.2.2 | Prevention of falls from a height | N/A |
| 3.1.3 | Mechanical vibration | N/A |
| 3.2 | Protection against static compression of a part of the body | N/A |
| 3.3 | Protection against mechanical injuries (abrasion, perforation cuts, bites) | EN 388:2003 |
| 3.4 | Protection in liquids | |
| 3.4.1 | Prevention of drowning | N/A |
| 3.4.2 | Buoyancy aids | N/A |
| 3.5 | Protection against the harmful effects of noise | N/A |
| 3.6 | Protection against heat and/or fire | |
| 3.6.1 | PPE constituent materials and other components | N/A |
| 3.6.2 | Complete PPE ready for use | N/A |
| 3.7 | Protection against cold | |
| 3.7.1 | PPE constituent materials and other components | N/A |
| 3.7.2 | Complete PPE ready for use | N/A |
| 3.8 | Protection against electric shock | |
| 3.8.1 | Insulating equipment | N/A |
| 3.8.2 | Conductive equipment | N/A |
| 3.9 | Radiation protection | |
| 3.9.1 | Non-ionising radiation | N/A |
| 3.9.2 | Ionising radiation | |
| 3.9.2.1 | Protection against external radioactive contamination | N/A |
| 3.9.2.2 | Protection against external irradiation | N/A |
| 3.10 | Protection against substances and mixtures which are hazardous to health and against harmful biological agents | |
| 3.10.1 | Respiratory protection | N/A |
| 3.10.2 | Protection against cutaneous and ocular contact | N/A |
| 3.11 | Diving equipment | N/A |

Documentation No Appendix F – Quality Control and Testing (Ongoing)

| No. | Procedure | Quality Control |
|-----|----------------------|--|
| 1 | Raw material control | Supplier should also submit the "Declaration of Innocuousness" of raw materials comply with EN420 pH, Chromium VI, Azo dyes. The QC will pick up 1 piece per batch for thickness test, make sure the leather is 1.2mm and above and can provide the stable level. Bulk production products will be sent to 3rd party lab to retest part of EN388:2016 from batch to batch/year to year to ensure performance. Make sure all the goods are in good quality. |
| 2 | Cutting | Cutting the raw materials as per the specification, make sure the cutting board is clear to avoid pollution. |
| 3 | Stitching | During the stitching, Online QC will pick up 1 sample per batch to test the seam strength in own lab. Change the stitching thread if any failure. Sizing will be checked by own lab. Reject the product if they cannot meet the minimum requirement. |
| 4 | Ergonomics | The QC will carry out the fitting test for the final gloves 1 sample per batch. Make sure the size is correct. |
| 4 | Labeling | The care label should be stitched at the edge. The label must be visible & legible |
| 6 | Packing | The final glove is packed, the user information is given to each individual package |

Testing programme for certified Gloves:

A full clause of EN 388 will be carried out for size 9 every two years to maintain certification. The tests should be carried out by an external independent ISO 17025 accredited test house.

| Test/Clause No. | Sample Frequency | Sample Quantity | Test Authority |
|------------------------------------|-------------------|-----------------|-----------------|
| Abrasion Resistance (EN 388:2003) | 1 in 50,000 Pairs | 1 pair | Third Party lab |
| Blade Cut Resistance (EN 388:2003) | 1 in 50,000 Pairs | 1 pair | Third Party lab |
| Tear Strength (EN 388:2003) | 1 in 50,000 Pairs | 1 pair | Third Party lab |
| Puncture Resistance (EN 388:2003) | 1 in 50,000 Pairs | 1 pair | Third Party lab |

In the event of a failure of above test, 3 pairs of gloves across the size range must be tested and passed. If the samples still fail then production shall cease immediately, corrective action taken until 3 pairs across the size range have been tested satisfactorily.

DECLARATION OF INNOCUOUSNESS

**Briers Ltd
Station Road
Wincanton
Somerset
BA9 9FE
United Kingdom**

declares that the materials which are coming into contact with the human skin and body used on the new PPE described hereafter

B8679 Ladies Triple Pack Seed & Weed

are known not to undergo appreciable alteration from contact with sweat or with substances likely to be found in toiletries and are known not to cause any harm to human skin and body.

Approved, 30/03/18



Nick Smith Compliance Director

BRIERS

EU Declaration of Conformity

**Briers Ltd Station Road
Wincanton Somerset BA9 FE
United Kingdom**

declares that the new PPE described hereafter
B8679 Ladies Triple Pack Seed & Weed

is in conformity with the provisions of Council Directive Regulation (EU) 2016/425 on personal protective equipment and where such is the case, with harmonised standards standards EN388:2003 and EN 420:2003+A1:2009

Approved, 30/03/18



Nick Smith Compliance Director

