



# 3M™ Speedglas™ Welding Helmet G5-03 Pro/Pro Air

To increase the effective lifetime of your welding equipment and avoid the additional cost of replacement, regular maintenance is important. Replace all damaged parts immediately to help ensure intended degree of protection. Below is a helpful overview; always read and follow User Instructions.

## Before use

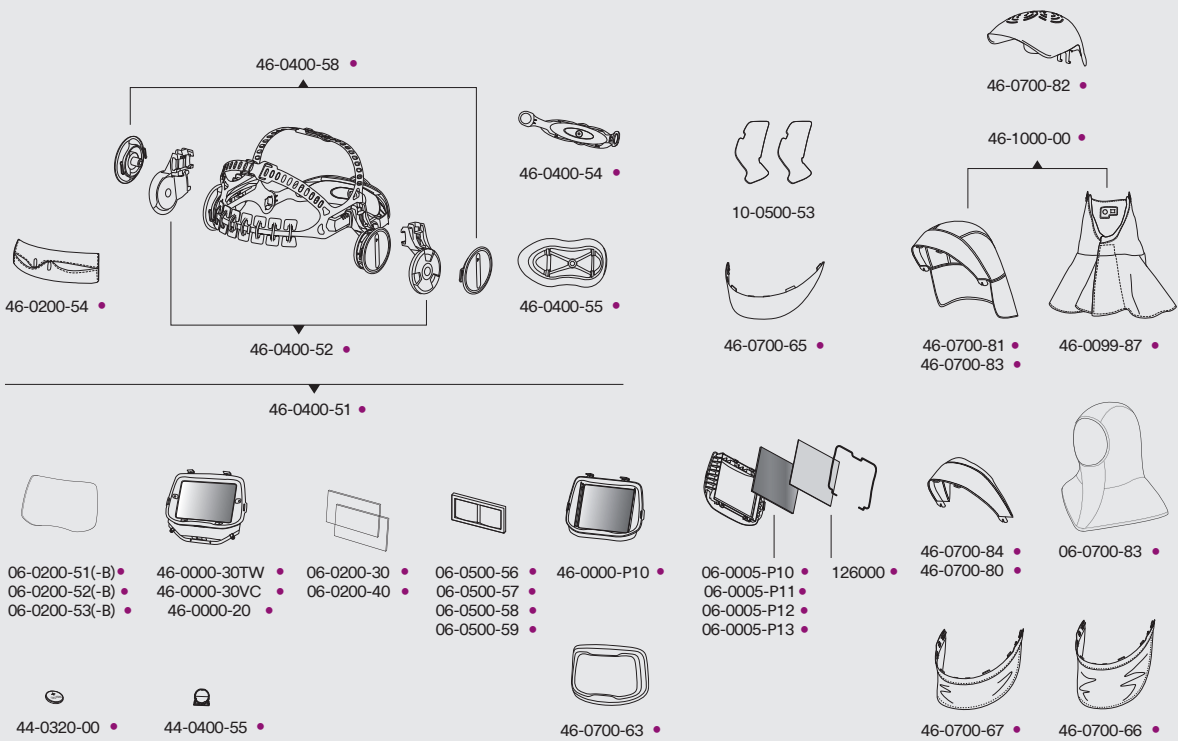
- 1 **Helmet and headband.** Inspect for cracks or any damaged parts. Replace if needed.
- 2 **Protection plates (inner and outer).** To help provide the best possible vision, they should be clean and without scratches.
- 3 **Welding filter.** Ensure that the low battery indicator is not flashing and check that the sensors are clean and uncovered.
- 4 **Face seal (G5-03 Pro Air only).** If the face seal is damaged, there is a risk that contaminated air will get inside the helmet. Verify it's in place and free from splits and tears.
- 5 **Breathing tube (G5-03 Pro Air only).** Confirm that the tube is undamaged and not leaking any air. To extend the life of the breathing tube, use a tube cover or a heavy-duty breathing tube.

## After use

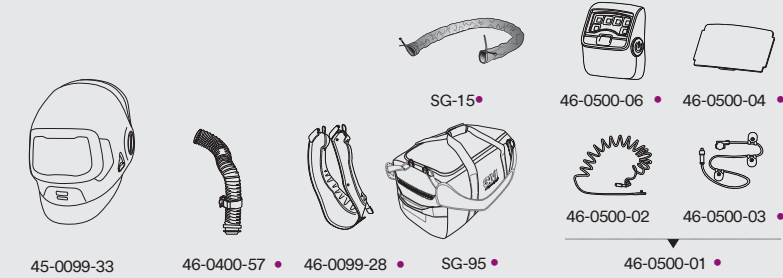
- 1 **Clean the helmet.** Wipe with a moist tissue or cloth, both inside and outside the helmet. DO NOT rinse, immerse in water, or clean with solvents.
- 2 **Face seal and sweatband.** Remove for additional cleaning as needed, following the guidance in the user manual and replace if they have splits or tears or whenever they become unhygienic.
- 3 **Protection plates (inner and outer).** Clean with a soft cloth and replace if any pits or scratches occur.
- 4 **Breathing tube (G5-03 Pro Air only).** Replace if damaged, deformed or leaking any air. If you suspect that the inside of the breathing tube is dirty, it must be changed.
- 5 **Storage.** Store the helmet in a dry, clean area away from direct sunlight, high temperatures and solvents.

## Spare parts, consumables and accessories

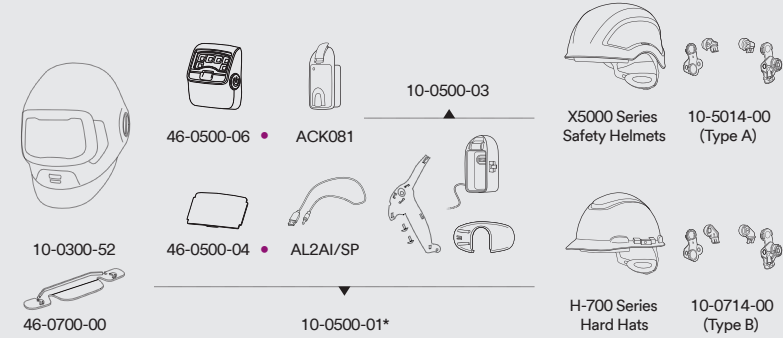
### Common for G5-03 Pro and G5-03 Pro Air



### G5-03 Pro Air only



### G5-03 Pro only



| Part No     | Description                                                               | Part No      | Description                                               | Part No    | Description                                          | Part No    | Description                                                                  |
|-------------|---------------------------------------------------------------------------|--------------|-----------------------------------------------------------|------------|------------------------------------------------------|------------|------------------------------------------------------------------------------|
| 06-0200-51  | Outer protection plate (standard), pkg of 10                              | 10-0500-53   | Sidewindow cover plates                                   | 45-0099-33 | Helmet shell G5-03 Pro Air, no suspension            | 46-0700-66 | Large fabric neck cover                                                      |
| 06-0200-52  | Outer protection plate (scratch), pkg of 10                               | 10-5014-00   | Hard HatAdaptor G5-03 Pro for X5000 Series Safety Helmets | 46-0099-87 | Large neck shroud                                    | 46-0700-67 | Leather neck cover                                                           |
| 06-0200-53  | Outer protection plate (scratch +), pkg of 10                             |              |                                                           | 46-0400-51 | Head suspension assembly                             | 46-0700-80 | Fabric head cover                                                            |
| 06-0200-51B | Outer protection plate (standard), pkg of 50                              | 10-0714-00   | Hard HatAdaptor G5-03 Pro for H-700 Series Hard Hats      | 46-0400-52 | Pivot and sliding mechanism                          | 46-0700-81 | Large fabric head cover                                                      |
| 06-0200-52B | Outer protection plate (scratch), pkg of 50                               |              |                                                           | 46-0400-54 | Head suspension ratchet assembly                     | 46-0700-82 | Scrape guard G5                                                              |
| 06-0200-53B | Outer protection plate (scratch +), pkg of 50                             |              |                                                           | 46-0400-55 | Large head rest                                      | 46-0700-83 | Large high-visibility head cover                                             |
| 06-0200-30  | Inner protection plate                                                    | 44-0320-00   | Battery CR2450N                                           | 46-0400-57 | Air duct breathing tube (short) incl. holder         | 46-0700-84 | Leather head cover                                                           |
| 06-0200-40  | Inner protection plate anti fog                                           | 44-0400-55   | Battery holder                                            | 46-0400-58 | Pivot knobs                                          | 46-0700-00 | Head Cover Holder 1 EA/Bag                                                   |
| 06-0500-56  | Magnifying lens 1.0X                                                      | 46-0000-20   | Speedglas welding filter G5 NC                            | 46-0500-01 | Task light kit for G5-03 Pro Air systems with Adflo  | 46-1000-00 | APF 1000 kit                                                                 |
| 06-0500-57  | Magnifying lens 1.5X                                                      | 46-0000-30TW | Speedglas welding filter G5 TW                            | 46-0500-02 | Task light long replacement cable for Adflo systems  | 46-0200-54 | Sweatband pkg of 3                                                           |
| 06-0500-58  | Magnifying lens 2.0X                                                      | 46-0000-30VC | Speedglas welding filter G5 VC                            | 46-0500-03 | Task light short replacement cable for Adflo systems | ACK081     | Rechargeable Battery                                                         |
| 06-0500-59  | Magnifying lens 2.5X                                                      | 46-0000-P10  | Speedglas passive welding filter kit G5 (shade 10)        | 46-0500-04 | Protection plate for task light, pkg. of 5           | AL2AI/S    | Battery Charging cable for ACK081                                            |
| 06-0700-83  | Welding full hood                                                         | 06-0005-P10  | Passive welding filter lens shade 10 2/CS                 | 46-0500-06 | Replacement task light                               | SG-95      | Carry Bag                                                                    |
| 10-0300-52  | Helmet shell G5-03 Pro, no suspension                                     | 06-0005-P11  | Passive welding filter lens shade 11 2/CS                 | 46-0700-63 | Front frame G5-01/03                                 | SG-15      | Flame-resistant breathing tube cover (recommended when using the task light) |
| 10-0500-01* | Task lightkit for G5-03 Pro (light, cable, holder with cable and battery) | 06-0005-P13  | Passive welding filter lens shade 13 2/CS                 | 46-0700-65 | Neck protection rigid                                |            |                                                                              |
| 10-0500-03  | Welding HelmetTasklight holder for battery with attachment parts          | 126000       | Inner cover plate for passive filter                      |            |                                                      |            |                                                                              |
|             |                                                                           | 46-0099-28   | Face seal                                                 |            |                                                      |            |                                                                              |

(\*) A purple dot marks common parts with G5-01      \*Suggested task light kit for G5-03 Pro Air helmet when using supplied air.



Respiratory Protection Products: These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Improper use may result in injury, illness or death. For correct use, see supervisor or User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

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