3M™ Speedglas™
Welding Helmet
9100 FX-Air

To optimize 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.

Before use

- Helmet and headband. Inspect for cracks or any damaged or defective parts. Replace if needed.
- Protection plates and visor. To help provide the best possible vision, they should be clean and without scratches.
- Face seal. 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.
- Welding filter. Ensure low battery indicator is not flashing and check that the sensors are clean and uncovered.
- Breathing tube. Confirm tube is not damaged or leaking any air. To extend the life of breathing tube, use a tube cover or a heavy-duty breathing tube.
- Headcover. Verify it’s in place and free from splits and tears.

After use

- Clean the helmet. Wipe with a moist tissue or cloth, both inside and outside the helmet. If you suspect that the inside of the breathing tube is dirty, it must be changed. DO NOT rinse, immerse in water, or clean with solvents.
- Face seal, headcover and sweatband. Remove for additional cleaning as needed and replace if they have splits or tears or whenever they become unhygienic.
- Protection plates and visor plate. Clean with a soft cloth and replace if any pits or scratches occur.
- Breathing tube. Replace if damaged, deformed or leaking any air.
- Storage. Store the helmet in a dry, clean area away from direct sunlight, high temperatures and solvents.

Further information and advice

To request a quote or place an order for spare parts, please contact your 3M approved distributor. Please note that higher than normal levels of pollutants, heat and sparks will require more frequent replacement of components. If you require additional guidance, please check the care and maintenance videos on our YouTube Channel (3M Speedglas) or contact your local 3M representative.