

Recommended Change Frequencies *



Part Number	Description	Change Frequency
3M™ Adflo™ Powered Air Purifying Respirator (PAPR)		
836010	PRE-FILTER ADFLO PK=5	ONCE-TWICE A WEEK
837010	FILTER PARTICLE PSL ADFLO	ONCE A MONTH
3M™ Speedglas™ G5-01		
198505	SWEATBAND G5-01 PK=5	ONCE A MONTH
526000	LENS COVER OUTER STD G5-01 PK=10	ONCE-TWICE A WEEK
527000	LENS COVER OUTER HC G5-01 PK=10	ONCE A FORTNIGHT
528025	LENS COVER INNER G5-01 PK=5	ONCE A MONTH
613000	VISOR PLATE ANTI FOG G5-01 PK=5	EVERY 2-4 WEEKS DEPENDING ON USE
614000	FACE SEAL G5-01	ONCE EVERY TWO MONTHS
3M™ Speedglas™ 9100 MP Air		
168505	SWEATBAND 9100 MP AIR PK=5	ONCE A MONTH
523000	VISOR PLATE 9100 FX & MP PK=5	EVERY 2-4 WEEKS DEPENDING ON USE
523001	VISOR PLATE ANTI-FOG 9100 FX & MP PK=5	EVERY 2-4 WEEKS DEPENDING ON USE
526000	LENS COVER OUTER STD 9100 PK=10	ONCE-TWICE A WEEK
527000	LENS COVER OUTER HC 9100 PK=10	ONCE A FORTNIGHT
528025	COVER LENS INNER 9100XX/XXI PK=5	ONCE A MONTH
534200	FACE SEAL 9100 MP AIR	ONCE EVERY TWO MONTHS
3M™ Speedglas™ 9100 FX & 9100 FX Air		
169505	SWEATBAND 9100 FX & 9100 FX AIR PK=5	ONCE A MONTH
523000	VISOR PLATE 9100 FX & MP PK=5	EVERY 2-4 WEEKS DEPENDING ON USE
523001	VISOR PLATE ANTI-FOG 9100 FX & MP PK=5	EVERY 2-4 WEEKS DEPENDING ON USE
526000	LENS COVER OUTER STD 9100 PK=10	ONCE-TWICE A WEEK
527000	LENS COVER OUTER HC 9100 PK=10	ONCE A FORTNIGHT
528025	COVER LENS INNER 9100XX/XXI PK=5	ONCE A MONTH
534000	FACE SEAL 9100 FX AIR	ONCE EVERY TWO MONTHS
3M™ Speedglas™ 9100, 9100 Air & 9100 QR		
169505	SWEATBAND 9100 & 9100 AIR PK=5	ONCE A MONTH
526000	LENS COVER OUTER STD 9100 PK=10	ONCE-TWICE A WEEK
527000	LENS COVER OUTER HC 9100 PK=10	ONCE A FORTNIGHT
528025	COVER LENS INNER 9100XX/XXI PK=5	ONCE A MONTH
534100	FACE SEAL 9100 AIR	ONCE EVERY TWO MONTHS
167505	SWEATBAND 9100 QR PK=5	ONCE A MONTH
3M™ Speedglas™ 9002NC		
168505	SWEATBAND 9002 PK=5	ONCE A MONTH
428010	COVER LENS INNER 9002NC PK=5	ONCE A MONTH
426000	COVER LENS OUTER STD 9002 PK=10	ONCE-TWICE A WEEK
3M™ Speedglas™ 100V		
168505	SWEATBAND 100 PK=5	ONCE A MONTH
428000	COVER LENS INNER 100 PK=5	ONCE A MONTH
776000	COVER LENS OUTER STD 100 PK=10	ONCE-TWICE A WEEK



Looking after your 3M™ Adflo™ Powered Air Respirator



Your Adflo PAPR unit is central to keeping you safe as you weld and grind, offering 50 times cleaner air than you would otherwise breathe unprotected. However, this award-winning level of protection does rely on you being responsible in how you use and maintain your powered air respirator. Here are some habits to adopt and some to avoid as an Adflo user!

DO:

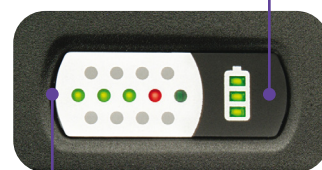
- 1 **Regularly replace spare parts.** This boosts productivity and can save you money: for example, when you change your pre-filter regularly, you extend the life of the particle filter. This will then lighten the workload of the motor and prolong the Adflo battery life, so you can weld for longer.

Make sure you monitor your filters' condition before each shift: if you notice any damage, or the filter becomes loaded (shown by the filter load indicator turning red), you must replace it immediately. Plus if you notice a dip in your respirator's performance, like a drop in battery operating time, your Adflo is most likely being overworked and needs fresh filters.

For those welding at least 4 hours a day, the below table outlines how often you should change each core spare part.

Consumable	Recommended Change Frequency
Sweatband	Once a month
Outside cover lens	Once-twice a week
Inside cover lens	Once a month
Grinding visor	Every 2-4 weeks depending on use
Face seal	Once a month
Pre-filter	Once-twice a week
Particle filter	Once a month
Gas filter	In accordance with your workplace filter change schedule
Odour filter (not required if gas filter is used)	When you smell unpleasant odours
Spark arrestor	If damaged, deformed or stops fitting
Breathing tube	If damaged, deformed or leaking

Battery indicator



Filter load indicator displays status of the particle filter

- 2 **Charge your battery.** After using your Adflo system, it's important to charge your battery. This will not only ensure you are ready to weld again tomorrow, but also helps prolong the life of the battery itself.
- 3 **Store your system safely.** Your Adflo should be stored in a cool, dry place like the Adflo storage bag (part no. 790105). When stored for long periods, look to charge your battery every 6 months to keep it ticking over.

Gas and odour filters should also be stored in a sealed bag or container when not in use, as once they're opened their maximum use time is 6 months (even if not used). The carbon will absorb contaminants from the general environment, so make sure you store them correctly to improve the service life.

- 4 **Keep your PAPR clean.** While the Adflo system is built for tough conditions, regularly wiping it down with a moist tissue or cloth helps reduce build up of grit and particles.

It's also important to know the difference between general wear and tear and significant damage. Items like the breathing tube should be substituted at the first sign of leakage: that's why you should consider a heavy-duty rubber breathing tube (part no. 834017) or flame-resistant cover (part no. 834018) to increase your Adflo hose's durability for work in hard-wearing environments.



Speedglas™
Welding Safety

Looking after your 3M™ Adflo™ Powered Air Respirator



DO NOT:

- ❗ **Clean the Adflo filters.** This is the most common mistake made by Adflo users, and can put your health (and back pocket) at risk. See the warning from the Adflo instruction manual below:

“The particle and gas filters cannot be cleaned. Do not attempt to remove contamination using for example compressed air as this will destroy the filters, the equipment will not give the expected protection and the warranty will be invalidated.”

Adflo filters are built specifically to capture welding fume. High pressure compressed air can create holes in the filter that, although not always visible to the naked eye, could compromise its level of protection. For example: holes in the **pre-filter** and **particle filter** allow harmful particles to pass through to your airways.

Holes in the filter also create an opportunity for larger particles to enter the **Adflo motor**. This motor, if infiltrated, could sustain damage that would not be covered under warranty.

So it's much more cost effective to simply replace your filters rather than try to clean them.



Pre-filter
(part no. 836010)



Particle Filter
(part no. 837010)



**Nuisance Level
Gas Filter**
(part no. 837242)



A1 Gas Filter
(part no. 837542)



Odour Filter
(part no. 837110)



**Odour Filter
Replacement Pad**
(part no. 837120)



Exclusive 3M Speedglas Agent



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Further information and advice

To request a quote or place an order for spare parts, please contact AWS on +61 (0) 2 9439 0111 or visit www.aws.com.au. 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 (www.youtube.com/awsspeedglas) or contact your local AWS representative.