# SHEPHERD FILTERS

"PROTECTING YOUR HOOD"

## SPECIFICATION SHEET

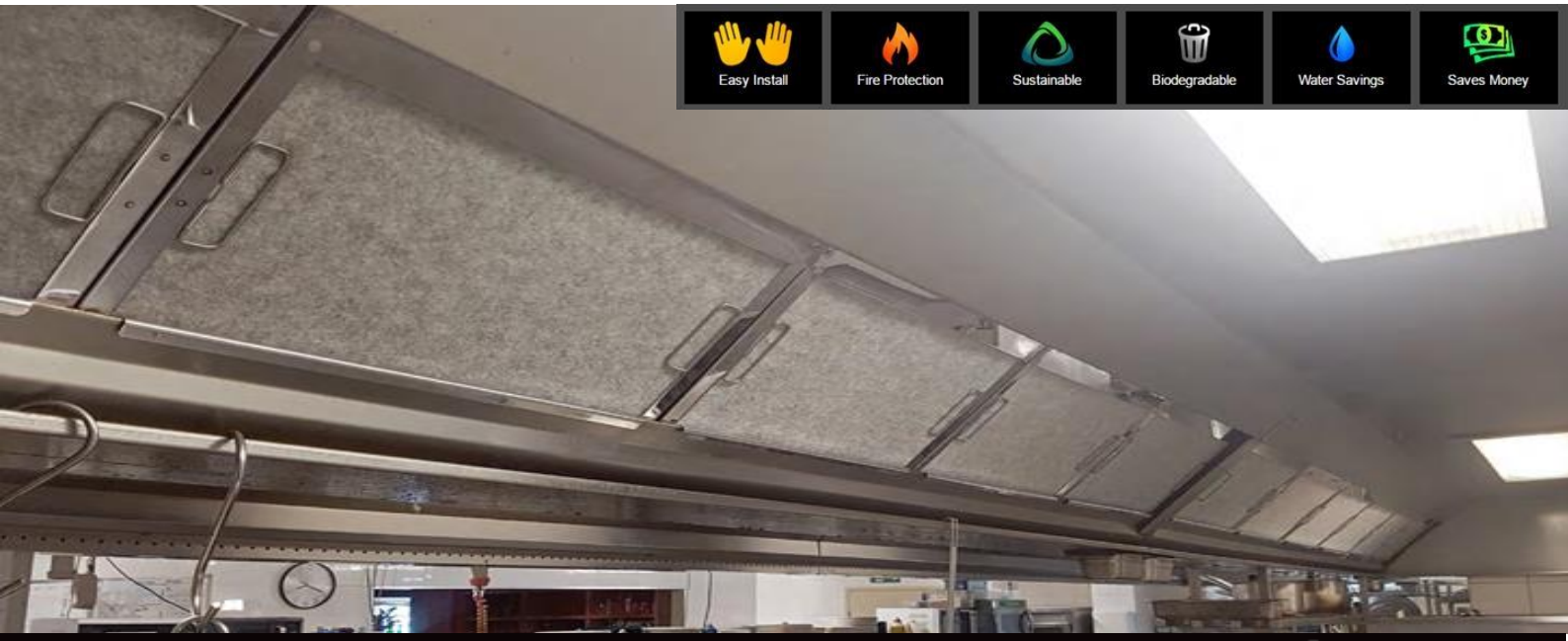
The Shepherd Filters disposable kitchen grease filter solution is revolutionary within the Kitchen Exhaust & Ventilation market by making it smarter, cleaner, safer, and more environmentally friendly.

As opposed to metal kitchen grease filters that only stop 20-40% of grease vapours from entering the hood, **Shepherd Filters capture up to an impressive 98%**! This reduces the grease build-up that enters the plenum, ductwork, fans, and roofs dramatically and therefore minimises the risk of catastrophic fires. With grease build-up heavily reduced between cleans, instant savings are made to:

- Labour/contractor costs associated with metal grease filters and exhaust systems
- Reduced frequency and complexity of kitchen duct cleans
- A reduction in water usage and harsh chemicals to maintain a clean kitchen exhaust system; and
- Cleaner rooftop fans, HVAC & other extraction equipment equals efficient operation, less maintenance & energy savings.

Quick, easy to install and disposed of in seconds, changing Shepherd Filters is a welcome alternative to degreasing filters.

- SAVE ON COSTLY FILTER & DUCT CLEANING!
- A cleaner kitchen exhaust system 365 days a year greatly reduces your risk of fire
- Fast and easy to install in minutes, replace sheets only when needed saving staff time
- Meet the new Australian Standards
- Certified by HACCP International
- Won *"Product of the Year"* at the AIRAH Awards in 2019
- Won *"Best New Hospitality Product"* at Fine Foods Australia 2017
- Made from 100% Australian wool, a renewable resource that is naturally fire-retardant and biodegradable. The filter media is carbon-neutral and will break down in landfill.
- Quick and easy to change, your staff will appreciate the improvement in their daily routines.



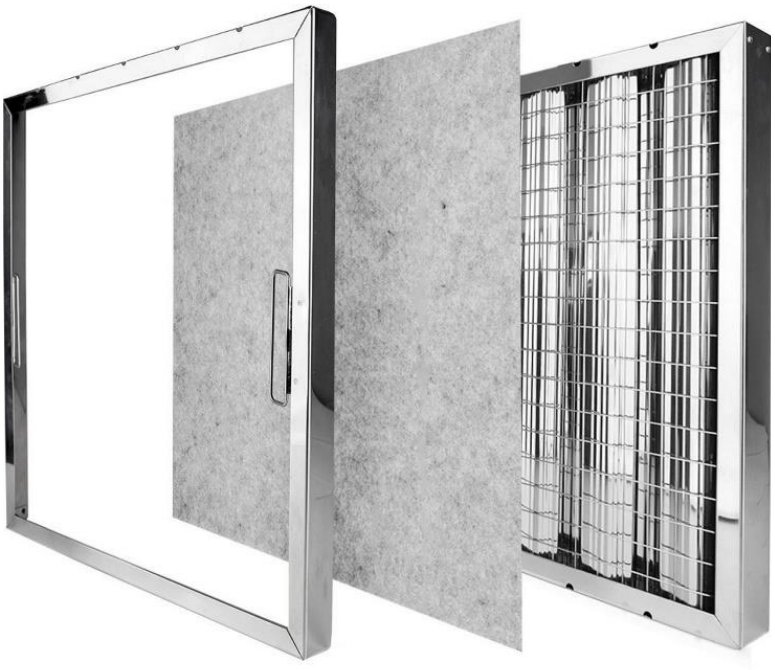

**WWW.SHEPHERDFILTERS.COM**

**PATENTED – MADE FROM 100% WOOL**

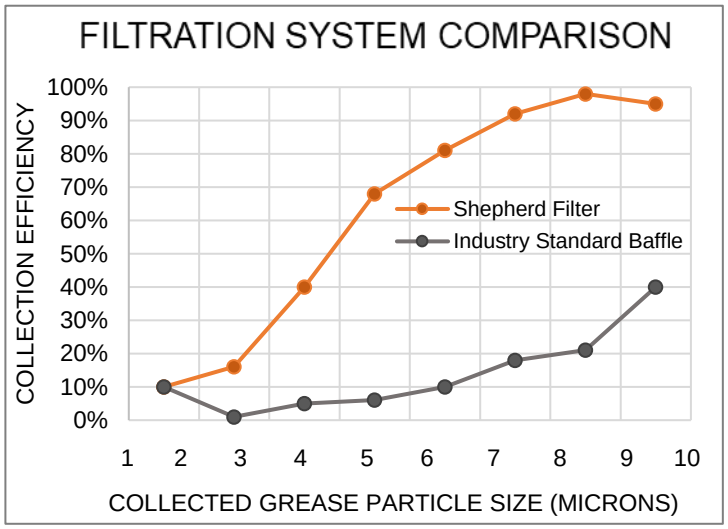
Shepherd Filters holds relevant approvals and meets standards worldwide including (but not limited to):

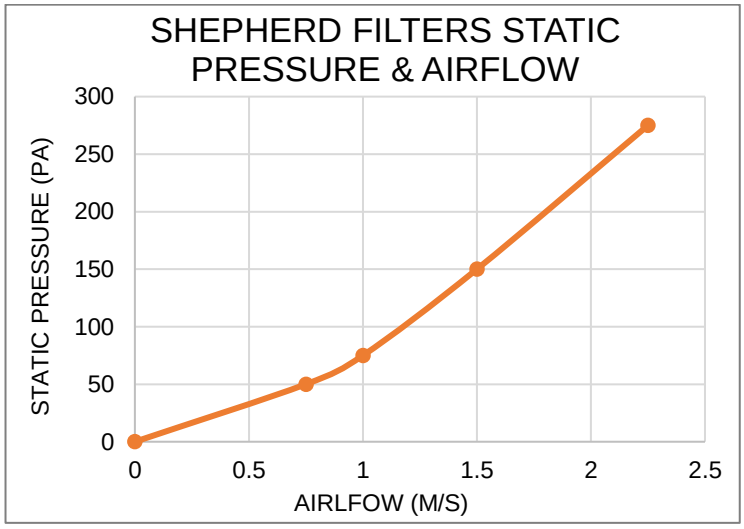
- UL Standard 1046 Flame Test for Grease Filters for Exhaust Ducts
- Australian & New Zealand Standards AS/NZ1668.2 E6 Kitchen Exhaust Hoods incorporating Grease Removal Devices
- NFPA 96 Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
- DW172 Standard for B&ES Specification for Kitchen Ventilation Systems
- Certified by HACCP International; and
- Members of the International Kitchen Exhaust Cleaning Association (IKECA)

| FRAME SIZE (H X W) | | SF FILTER FITS |
|---|---|---|
| (mm) | (Inches) | |
| 245 X 495 X 50 | 9.6 X 20 X 2 | SF 350 X 550 |
| 254 X 495 X 50 | 10 X 20 X 2 | SF 350 X 550 |
| 295 X 495 X 50 | 12 X 20 X 2 | SF 350 X 550 |
| 330 X 495 X 50 | 13 X 20 X 2 | SF 450 X 550 |
| 380 X 455 X 50 | 15 X 18 X 2 | SF 450 X 550 |
| 395 X 395 X 50 | 16 X 16 X 2 | SF 450 X 450 |
| 395 X 495 X 50 | 16 X 20 X 2 | SF 450 X 550 |
| 395 X 622 X 50 | 16 X 25 X 2 | SF 450 X 650 |
| 495 X 295 X 50 | 20 X 12 X 2 | SF 350 X 550 |
| 495 X 395 X 50 | 20 X 16 X 2 | SF 450 X 550 |
| 495 X 495 X 50 | 20 X 20 X 2 | SF 550 X 550 |
| 495 X 595 X 50 | 20 X 23 X 2 | SF 550 X 650 |
| 495 X 622 X 50 | 20 X 25 X 2 | SF 550 X 650 |
| 595 X 595 X 50 | 23 X 23 X 2 | SF 650 X 650 |



Stainless Steel #403 Baffle Filter Frame with Wool - 495 X 495mm




Kitchen hoods have various airflow rates depending on the type of cooking and style of hood in operation. It is our experience that 1.5 m/s is the preferred airspeed to work with the Shepherd Filters product, however 1 - 2.5 m/s is acceptable. Anything above this can pull the grease through the wool fibre onto the frame and create additional frame cleaning.

The wool itself has little effect on airflow, less than 10-15pa depending on airspeed. Shepherd Filters meet flame barrier protection levels where any open flame cooking and or 10 metres of ducts.

**Our frames do not compromise on quality or standards.**

| AIRFLOW | | | | |
|---|---|---|---|---|
| % | 50% | 75% | 100% | 150% |
| M/S | 0.75 | 1.0 | 1.5 | 2.25 |
| M3/HR | 660 | 880 | 1300 | 2000 |
| CFM | 380 | 520 | 780 | 1100 |
| L/S | 180 | 245 | 360 | 550 |
| **STATIC PRESSURE** | | | | |
| PA (PASCALS) | 50 | 75 | 150 | 275 |


Visit Shepherdfilters.com

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