



FIRE SUPPRESSION SYSTEMS QUALITY PRODUCTS & AUSTRALIAN MADE QUALITY THROUGH INNOVATION

PRODUCT SPEC SHEET

VDASF3 FOAM

Qtec Fire Services VDASF3 Foam (Fluorine Free) agent, is a high performance F3 foam. We have completed all tests required under the Australian Standards, EPA laws and OECD tests.

Test Passes:

- Qld EPA Top A Tests
- OECD Toxicological Tests (cut the biological degradability down by half to > 99% in 14 days)
- AS5062 2016 90 day Separation Test
- AS5062 2016 30 day Pressurise separation test

This foam can be used in all Qtec Fire Services systems;

- **VDAS STANDARD** LOP & ROP
- **VDAS COMPACT** LOP & ROP

With lower fill quantities per cylinder size it means savings across the range of systems. For the full range refer to the Qtec Fire Design Manuals. Qtec Fire Services is still operating at a pressure of 1350kPa @ 20°C, this means with the industries lowest pressure for these foam spray systems, you will have less leaks, and a higher temperature range of performance.



The charts below show the fill quantities required per cylinder size and system type, the VDASF3 mix ratio is far less than other brands of foam, and a better performing fluorine free foam product.

| | |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage | Stored within original unopened canisters, one should expect 20 to 25 years of shelf life if stored correctly in the temperature range commented (15°C to +50°) |
| Class | A and B fires |
| Water | Potable Water |
| Usage | 5 years in use, mixed with potable water, & under pressure up to 70°C with no loss of chemical properties or fire extinguishing performance. |

NOTE: The foam 5 year lift cycle does not mean the standard serving cycles are not completed, it means the foam does not need to be changed out at the 12 month service.

VDASF3 Foam Fill Chart Standard Systems mixed per volume

| Cylinder (LOP Size) | Total Volume Capacity (L) | Potable Water Quantity (L) | VDASF3 Quantity (ml) | Total Fill (L) | Ullage (L) |
|---------------------|---------------------------|----------------------------|----------------------|----------------|------------|
| 26/35 L | 35 | 25 | 1,000 ml | 26 | 9 |
| 34/45 TL | 45 | 32.9 | 1,100 ml | 34 | 11 |
| 34/45 L | 45 | 32.9 | 1,100 ml | 34 | 11 |
| 50/65 L | 65 | 48.5 | 1,500 ml | 50 | 15 |
| 66/88 L | 88 | 64 | 2,000 ml | 66 | 22 |
| 80/106 L | 106 | 77.5 | 2,500 ml | 80 | 26 |



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