

Thermo-Gel®

Equipment Guide 2009

The Solution for Fire Professionals.™





3.8lt Pro Container System

The **3.8lt Pro Container System** offers high volume application of gel through the use of the professional Pok nozzle, but with the ease of handling of a 3.8lt gel container.

This system works effectively with existing 25mm or 38mm hoses & fire appliance pumps.

Thermo-Gel is applied in two percentages - 1% for suppression or containment lines / 2% for home, structure & asset protection, or for vegetation in close proximity to structures/assets.

NOTE: ONLY use Thermo-Gel approved equipment for the application of Thermo-Gel



Thermo-Gel 3.8lt container

- sold individually or in bulk (discounts apply)
- each 3.8lt container provides approx **95 sqm coverage** when applied **at 2%** for structure protection
- each 3.8lt container provides approx **190sqm coverage** when applied **at 1%** for suppression or vegetation-containment or blacking out



POK 3.8lt Pro Nozzle-Eductor

The Pok nozzle offers professional performance & multiple settings including 'flush' (no gel, just water), 1% and 2%.

The large flow handle (on top) is easy to use with gloves, whilst the lower handle ensures steady grip.

The front adjustment provides smooth transition from jet to fog patterns.

Large eductor offers excellent intake even at high flow rates up to 75lts/min.



POK 3.8lt Pro Eductor

A spare part for the 3.8lt POK Pro Nozzle system aimed at commercial users that have multiple nozzles in their fleet.

There is often little time for maintenance & cleaning between call-outs, so spares ensure seamless ongoing operations.

Thermo-Gel®

19lt Pro-Pack Container System

Thermo-Gel is applied in two percentages - 1% for suppression or containment lines / 2% for home, structure & asset protection, or for vegetation in close proximity to structures/assets.

NOTE: ONLY use Thermo-Gel approved equipment for the application of Thermo-Gel



Thermo-Gel 19lt container

- sold individually or in bulk (discounts apply)
- each 19lt container provides approx **475 sqm coverage** when applied **at 2%** for structure protection
- each 3.8lt container provides approx **950sqm coverage** when applied **at 1%** for suppression or vegetation-containment or blacking out
- fits seamlessly into the True-North ergo backpack



POK 19lt Pro Nozzle-Eductor

The Pok nozzle offers professional performance & multiple settings including 'flush' (no gel, just water), 1% and 2%. The large flow handle (on top) is easy to use with gloves, whilst the lower handle ensures steady grip. The front adjustment provides smooth transition from jet to fog patterns. Large eductor offers excellent intake even at high flow rates up to 75lts/min. Includes Eductor to fit 19lt container.



True-North Ergo Backpack

Designed by True-North Seattle, this ergonomic & fully adjustable harness system works perfectly with the 19lt Thermo-Gel container to allow highly mobile & high volume end of line education. Allows rapid change out of containers.



POK 19lt Pro Eductor

A spare part for the 19lt POK Pro Nozzle system aimed at commercial users that have multiple nozzles in their fleet. There is often little time for maintenance & cleaning between call-outs, so spares ensure seamless ongoing operations. Fits perfectly into the 19lt Thermo-Gel containers

Thermo.Gel®

Hoses, Quick Connect Fittings & Nozzles etc



External Lug Quick Connect Fittings

CFA Victoria compatible 38mm external lug couplings are a universal fit (no male/female) & can be used on all hoses & equipment where a fast, tight fit is essential.

Male & female threads are available according to what you are connecting to - ie a pump outlet



Storz Quick Connect Fittings

Rural Fire Service NSW compatible 40mm Storz couplings are a standard connector that can be used on all hoses & equipment where a fast, tight fit is essential.

Male & female threads are available according to what you are connecting to - ie a pump outlet



Fire Hose - Canvas with fittings

Our canvas fire hose comes with your choice of QC or Storz fittings & is identical to those on fire appliances.

Canvas does not melt when dragged over hot embers or become 'choked' like PVC lines.

We recommend 25mm diameter (38mm also available) in a standard 30m length

Must be dried after use.



'Small Town' fire nozzle

Commonly called the 'small town branch' this highly effective & light nozzle - shown here with the CFA compatible quick connect fittings - will provide excellent jet & fog patterns for dealing with ember attack & post fire front fires.

Simple to use with a twist on-off & spray patterns.

Thermo-Gel®

Thermo-Gel Home Kit



Thermo-Gel Home Kit

- 4x 3.8lt containers of Thermo-Gel
- 1x eductor with tap & garden hose connector
- information & instructions

Each home kit shall provide **approx 370sqm** coverage onto any material type. Additional 3.8lt bottles are available separately.

The eductor automatically dispenses gel at a 2% ratio with water, which is ideal for structural protection.

Correctly applied Thermo-Gel should provide protection from embers, direct flame & radiant heat for 6+ hours subject to water quality, even application & other conditions.

Standard mains water pressure or mid range pump pressure is sufficient to generate appropriate application. Gel will generally dispense as far as a regular stream of water will reach but may obviously be affected by high winds.

TAKE CARE to ensure water does not contaminate the gel containers or applicator prior to, or during use. Applicators must also be kept clean of even small debris such as seeds, which can clog the gel intake. The applicator should be cleaned thoroughly after use with hot salty water. The applicator is easy & fast to take apart & service if problems arise.

Thermo-Gel has a shelf life in excess of 8 years if stored in a cool, dry environment, & is agitated at least twice a year, & immediately prior to use.

RRP \$725 inc GST

Postage \$25

Express Post \$35

Courier Available upon request

Thermo-Gel is covered by US patent numbers 5,989,446 & 6,245,252. Other worldwide patents pending.