



How to use Vango Gel Fuel



Safe, cheap, environmentally friendly cooking fuel for DofE expeditions.

Vango Fuel bio-ethanol gel is a smokeless, non-toxic and environmentally-friendly cooking fuel compatible with Trangia stoves. The gel formulation doesn't spill, making it far safer than the alternative fuels on the market today. It is easy to ignite and allows for instant high heat cooking.

General stove safety

- Always be familiar with and confident in how to use the stove and fuel before setting out.
- Have water and a wet tea towel nearby, ready to use as a fire blanket.
- Never leave a lit stove unattended or unwatched.
- DofE participants and adults need to follow their Licensed Organisation's policies and the instruction and safety guidance given by the manufacturer of the stove they have chosen to use.
- Always allow the stove to fully cool before packing away.

Safety instructions

- Do not fill stove over 2/3 full.
- Never refill a lit or hot stove. The flame can be hard to see. Always check for heat, bubbling and crackling noise of gel indicating it is alight.
- Always use a small 200ml Gel Pouch to refill the burner, do not use a bulk one litre refill tin.
- Keep unused fuel at least three metres away from stove or any source of ignition, do not store in direct sunlight or above 50°C.
- Avoid contact with eyes - rinse immediately with warm water.
- Do not swallow - seek immediate medical advice and show fuel packaging label.

Cooking Location

- Take some time to pick the cooking location. A firm level surface at ground level where the stove will not be knocked over is ideal and it must be at least two metres away from flammable items/tents.
- Consider the weather conditions and wind direction.
- Make it clear to other people that stoves are lit/hot and get everything needed together before starting to cook. Have somewhere safe nearby to put hot pans.



How to use Vango Gel Fuel



1. Remove lid of burner and use the small 200ml pouch to fill burner to no more than 2/3 full.
2. Replace pouch lid and store at least two metres away from stove.
3. Place burner in lower Trangia windshield.
4. Ignite and place upper windshield.
(Vango Gel Fuel has the same cooking time as meths. Remember to use a lid when boiling water to increase cooking speed by around 20%.)
5. To extinguish, place lid upside down over burner using Trangia Handle. Replace lid when stove is cool.



6. To clean, allow the burner to fully cool. The gel can be reused (leave it in the burner) or scrape it into a bin (it is non-toxic, water soluble and biodegradable). Clean with warm water.