



Technical Datasheet

Snow Candle

Specifications:

Length: 200mm

Diameter: 20mm

Weight: 0.04kg

Noise: 0db

Suggested for set up:
1 person

Duration of effect: 2mins

Additional information:
Pyrotechnic effect – for
use by trained
professionals only

A snow candle is a pyrotechnic snow effect, producing a realistic and silent falling snow effect.

Snow candles are designed for use by trained special effects personnel. Under no circumstances should a snow candle be sold to or used by a member of the general public or to anyone not competent in its use.

How to use a snow candle

1. Heat resistant gloves, a lighter, a metal bucket and fire-fighting equipment are required. Safety goggles are optional but recommended.
2. Light the open end of the candle (fig 2) so that it smoulders. Only light the candle at the very tip, a single glowing ember on the tip is enough to activate the candle.
3. Allow up to 30 seconds whilst the candle gives out only smoke (fig 3).
4. If the candle flares, blow it out and re-light. This can happen several times.
5. Once the chemical inside the candle begins burning white 'snowflakes' will be given off for up to 2 minutes. The size of the flakes depends upon air and wind conditions. Try to keep the airflow and rate of movement constant. Do not shake the candle from side to side.
6. If required, put the candle into the metal bucket and swing it gently to give the effect of snow rising and floating out of the bucket (fig 4). This is particularly useful in windy conditions as it allows good sized flakes to form in the shelter of the bucket.
7. The candle will burn down to about 2 inches from the end. Extinguish safely in sand.

Safety information

- For outdoor use only
- Snow candles burn at very high temperatures so adequate first aid equipment must be accessible to treat potential burns
- Always wear heat resistant gloves whilst handling snow candles
- Firefighting equipment should be available
- For use by qualified technicians only



Fig 1. Snow Candles



Fig 2. End to light



Fig 3. Smouldering candle



Fig 4. Candle in bucket



Fig 5. The effect