

# Emergency Aid Camp Infrastructure



## Household Filter Kit



The household filter kit is a complete, low cost gravity drinking water filter, which is quick and easy to assemble and requires no power to operate. The kit can be quickly and easily deployed in the field by NGO's and Aid Agencies to provide a rapid solution to drinking water filtration requirements in emergency relief, refugee and infrastructure reconstruction situations. Untreated water is poured manually into the top container and filtered clean water is received from the tap in the lower container.

### Ceramic Candle Performance

The ceramic candle removes suspended solids from the water, water borne cysts (*Cryptosporidium*, *Giardia*) and pathogenic bacteria (*E-Coli*, *Cholera*, *Typhoid*, *Shigella*, *Klebsiella Terrigena*) > 99.9% at 0.9 microns. The ceramic candle is impregnated with silver to inhibit microbiological growth, giving the candles self-sterilising properties and removes the need for regular boiling.

British Berkefeld ceramics are made from 100% natural elements.

<b>Weight per Kit:</b>	1.9kg
<b>Container Dimensions:</b>	222mm high x 344mm long x 247mm wide (in situ approx. 440mm high)
<b>Life Capacity:</b>	20,000 litres
<b>Volume Capacity:</b>	16 litres, 3 litres per hour output

### Container approval:

Compliance to Commission Directive 2004/19/EC (foodstuffs)

Test: IBE-BVI-CFP-06. 153 EU Reg. No. 1935/2004 BRC/IOP Issue 3 (Jan 2008) Category: 01

### Kit Specification

- 2no. Polypropylene food grade containers with snap on lids
- 2no. Ceramic filter candles 7" long x 2" diameter with long threaded mount (candle change guide: 12 months but largely dependant on water quality & usage)
- 2no. Black rubber sealing washers
- 2no. Black plastic wing nuts
- 1no. Plastic dispensing tap with plastic threaded nut and white rubber washer

### Packing Information

Palletised, 100 kits per pallet for rapid deployment



### Butyl Products Ltd.

Lingfield House, 11 Radford Crescent, Billericay, Essex,  
CM12 0DW, United Kingdom. T: +44 (0) 1277 653 281  
E: [enquiries@butylproducts.co.uk](mailto:enquiries@butylproducts.co.uk) W: [butylproducts.co.uk](http://butylproducts.co.uk)