



### **Ceramic Candle Household Filter Kit – Pt. No: W9340100**



#### **Product description**

**A complete, low cost gravity drinking water filter which is quick and easy to install and requires no power. Used by NGO's and Aid Agencies around the globe for Humanitarian Relief in emergency situations, refugee camps, disaster zones and rural infra-structure development programmes.**

**The Household Filter Kit is a medium term solution, comprising;** 2 polypropylene food grade containers with snap on flat lids. 2 Sterasyl™ ceramic candle filters - 7" long x 2" diameter (with long threaded mount). 2 Black rubber sealing washers, 2 black plastic wing nuts. 1 plastic dispensing tap (with plastic threaded nut & white rubber washer) and 1 Pictorial instruction leaflet

#### **Specification**

<b>Weight per kit:</b>	1.7 kgs	<b>Life Capacity:</b>	20,000 litres*
<b>Volume Capacity:</b>	16 litres	<b>Output per hour:</b>	2 litres*
<b>Recommended candle change:</b>	12 months*	<b>Kit build time:</b>	5 minutes
<b>Container dimensions:</b>	222mm high x 344mm long x 247mm wide (in situ approx 440mm high)		
<b>Container approval:</b>	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		

#### **Ceramic Candle performance**

The **British Berkefeld® Sterasyl™** ceramic candle removes suspended solids from water, turbidity, water borne cysts (Cryptosporidium, Giardia) and pathogenic bacteria (E-coli, Cholera, Typhoid, Shigella, Klebsiella Terrigena) **>99.99% 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.



The **Household Filter Kit** passing a microbiological contamination water test in Korogocho, Kenya. Supervised by Professor Metcalf – California State University.

On average a **Sterasyt™** ceramic filter will last for **12 months (10,000 litres)**, depending on the frequency of use and the turbidity of the water being filtered. For cleaning, it only requires a mildly abrasive cloth and water (no chemical needed). Number of times depends on how much ceramic is removed during each cleaning process; guideline is 50 + times.



Kits are palletised into sets of 100 for ease of transport.  
Gross weight: 206 kgs  
Volume: 1.9m3  
Palletised Dim: 1200 (length) x 1000 (width) x 1560mm (height)

\*Guideline only as dependent on water quality