



EVOLUTION AQUA

INNOVATION IN WATER



950m² per m³
Protected Surface Area

Ideal for Bead Filters
Replaces existing media

Improves Performance
Better flow than with beads

K1Micro

New smaller version of class leading K1 Media

- **950m² per m³** protected surface area
- Ideal for use as a **replacement for beads** in a bead filter
- Provides a **large protected surface area** for bacteria to colonise
- Perfect for **moving bed** and **static bed** filter chambers
- Suitable for **mechanical** and **biological** filtration

AVAILABLE NOW

K1 Micro is specifically designed for use in **bead filters**, **conventional pond filters** and **aquarium filters**. **K1 Micro** has the same wheel shaped design as **K1 Media**, but it has an increased **protected surface area** of **950 m² per m³**.

The wheel shaped structure of **K1 Micro** is designed specifically to create the most effective environment for the nitrification process to take place. As **K1 Micro** media matures, bacteria colonises in the “quiet areas” of each piece of media helping to improve nitrification / de-nitrification. This enables a well-balanced biological equilibrium to be sustained in your pond to keep fish healthy and the water crystal clear.

The small size of **K1 Micro** makes it ideal to be used a **replacement for beads** in a bead filter. Not only will the vast 950m² per m³ protected surface area maintain a bio-film that helps to **improve nitrification, water quality** and **clarity**, but **K1 Micro** can offer many more benefits:



K1Micro
ACTUAL SIZE

K1Media
ACTUAL SIZE

Increased protection for the bio-film

K1 Micro retains the bio-film within its wheel shaped structure.

Improved solids handling

A static bed of K1 Micro packs tightly together with areas for solid particles and fines to be captured, helping to reduce TDS levels.

Increased flow rate

K1 Micro allows enough water to flow evenly through media rather than tracking around a “clump” of beads. This means that flow rates are improved when using “like for like” pumps.

Reduced back pressure

The improved flow also reduces the back pressure or resistance inflicted on the pump. In turn this improves the pumps’ efficiency and may even result in the need for a lower rated pump which will ultimately save you money!

Improved cleaning

During a cleaning process, the bio-film remains protected within the K1 Micro.

Semi buoyant media

K1 Micro is a semi buoyant media which makes it ideal for a bead filter.

AVAILABLE IN 1 LITRE, 5 LITRE & 50 LITRE SIZES