

Our Service

Filter Design and Filter
Moulding

The Project

Specialist inline filter



Our Client

Thomas Dudley is a leading, family owned UK manufacturer engineering high quality cast iron components and bathroom products based in the West Midlands.

Our Mission

Using our filter manufacturing capabilities to consistently manufacture large volumes of a high-quality, specialist filter for their best-selling toilet flushing system. Integral to the protective ball cock filling valve.

**Call us for help with your next filter moulding project:
01425 613131**

Our Customer's Feedback

"BEC have been our trusted filter component manufacturer for over 20 years. Even though it's a small part they manufacture, it's a bespoke plastic injection moulded filter and integral to reliable functionality. A truly high-quality UK manufacturer."

Matt Fergusson, Thomas Dudley

Our Solution

We [designed](#) and made the injection mould tool in our [in-house toolroom](#). Using our specialist upright moulding machines, which are more efficient and more accurate for loading filter pre-forms, to manufacture the specialist filter components.

The component part has a conical nylon mesh which is encapsulated through the plastic [injection moulding](#) process. With an o-ring fitted to each filter as part of the sealing system. Due to the product requirements all materials comply with WRAS (Water Regulatory Advisory Scheme) Regulations.

As one of our longest running filter customers, Thomas Dudley have been coming to us for over 20 years and we're proud to enjoy a great supplier relationship which means we can continue to add value where they need it most. Working with them, we have introduced a stocking process to help reduce their inventory cost and carried out a cost down programme to look at where they could make savings throughout the manufacturing process.

The Result

20+ years of consistent, reliable and quality filter moulding service. Moulding over 7 million high-quality specialist filters in that time.

Making your plastics better