



AVK UK'S PE TAILED GATE VALVES RECOMMENDED FOR HOUSING PROJECT

The Challenge

A site in Hattersley, east of Manchester, UK, is being developed by Onward one of the largest registered providers of social housing in the Northwest.

The site is well advanced with water, gas and electricity networks built, and connections made. The project team recognised, however, that there was an immediate need for a gate valve to be retrospectively fitted into the water network. BGS Utilities, the multi-utility contractor on site, was tasked with sourcing and installing the valve.

The Solution

PE Pipeline Specialists, based near Wigan, liaised with BGS Utilities and recommended AVK UK's PE Tailed Gate Valve (Series 36) to provide an effective solution on their site.

The recommendation was made because the PE Tailed Gate Valves are engineered to deliver resilient pipelines - they deliver a fully electrofusion-welded solution with no leak paths, are quicker to complete than a flanged gate valve installation, reducing installation times, improve water security, provide a significant reduction in waste packaging.

The Application

The new valve was installed by a team from BGS Utilities, who are based in Warrington.

Callum Wilson is the BGS Utilities Project Manager:

"This is a great product and alternative to flange work when installing valves on self-lay schemes. The opportunity to remove bolt kits offers great efficiencies for the site teams in delivery and minimises the possibility of leakages when progressing to testing and commissioning works."

Matt Hough is the BGS Utilities Site Agent:

"I have worked on the tools for 35 years, and I can't understand why it has taken so long for this product to hit site. I loved it. The installation is quick, it's simple, and there are far

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fewer leak paths compared to flanges.”

AVK UK visited site to ensure there were no issues with the installation:

“PE Pipeline Specialists had done a really great job showcasing AVK’s unique product range - in addition to the PE Tailed valve, BGS Utilities were using Fusion’s Fusamatic electrofusion fittings and installing Atlas meter boundary boxes.

“It was great to see Callum and his colleagues embracing the benefits of the PE Tailed Gate Valve straight up. It really is a product that meets the needs of contractors for a simpler and more straightforward approach to gate valve installation.”
Smart PE Tailed Gate Valves

Additionally, when pairing the PE Tailed Gate Valves with AVK Smart Water you’ll gain the intelligence you need to build and optimise the networks of tomorrow.

AVK Smart Water enables you to monitor and control your water networks utilising battery- operated wireless sensors which are data-collection ready with a software platform for visualising data – turning it into valuable assets. The sensors are developed for AVK core products, such as gate valves, fittings, and hydrants. This solution enables optimisation of the water network by saving resources, reducing water loss, and optimising the planning and operation activities within the network.

AVK sensors can monitor the position (open/close or anywhere in between) of valves and hydrants, flow, pressure, level, and temperature, paving the way for reducing leaks, increasing workflow efficiencies, and giving a clearer preview of networks. Take a look at AVK Smart Water [here](#).

Add the benefits of AVK Assist, the intelligent app for engineers to track assets in the network – to facilitate an even easier and simpler solution for water network management. Find out more about AVK Assist [here](#).

Did you know?

In a trial comparing flanged gate valve installations with the Series 36, it was found that the Series 36 was, conservatively, 40% faster to install and could improve productivity by 50%. You can watch a video of the trial and download the Series 36 installation report [here](#).

Call us to find out more about AVK’s PE Tailed Gate Valves or to discuss your project or installation. Simply call the number shown above or click on the email to write to us directly.