

**AVK** NEW RESILIENT SEATED GATE VALVES



**THE SMART WAY  
TO INSTALL  
GATE VALVES**

Expect... **AVR**

# SMART INSTALLATIONS **VERSUS** TRADITIONAL INSTALLATIONS

## TRADITIONAL INSTALLATION

**STANDARD DOUBLE FLANGED RSGV**  
SUITABLE FOR ALL PIPE MATERIALS

PE flange kit      Flange adaptors

OR

## THE SMART INSTALLATION, RS GATE VALVE RANGE

**SERIES 01/79 RSGV WITH SUPA PLUS™ SOCKET CONNECTIONS**  
FOR PE AND PVC PIPES

Series 05 Support bush

UP TO **90%** TIME SAVED ON NEW PIPELINES

**SERIES 32/49 LONG SPIGOT END RSGV**  
SUITABLE FOR ALL PIPE MATERIALS

Series 601 Supa® universal coupling or Series 631 SUPA MAXI™ straight coupling

OR

UP TO **75%** TIME SAVED ON NEW AND EXISTING PIPELINES

**SERIES 36/89 PE TAILED RSGV**  
FOR PE PIPE

EF couplers or Series 621 SUPA PLUS coupling

OR

UP TO **35%** TIME SAVED ON NEW AND EXISTING PIPELINES

TYPICAL SAVINGS ON INSTALLATION TIME

EXPECT QUALITY IN EVERY STEP

EXPECT LASTING INNOVATIONS

# FEATURES & BENEFITS

## 01/79



DN80-300  
CTC / CTO

- 90% typical reduction in installation time.
- Full AVK design and UK manufacture, supported with holiday free internal coating, WRAS approvals, BS 5163 and WIMES 8.09 compliant.
- Less joints reducing potential leak paths.
- No electrofusion or butt-fusion joints.
- No ancillary installation equipment required.
- No pipe clamping required.
- Installation in any weather conditions.
- Reduced working area required for installation.
- Limited pipe-end preparation.
- Reduced bolts and less components needed for installation.
- End load resistant with liner adaptable for any SDR rating.

## 32/49



DN80-300  
CTC / CTO

- 75% typical reduction in installation time.
- Full AVK design and UK manufacture, supported with holiday free internal coating, WRAS approvals, BS 5163 and WIMES 8.09 compliant.
- Flexibility to cut into your specific section of pipeline by reducing spigot length.
- Less component parts reducing potential leak paths.
- For use on CI, DI, PVC, AC, PE pipes.
- Suitable for installation where a replacement valve is required for non-standard face to face dimensions.
- Flexibility to connect to any existing pipework material using a SUPA MAXI™ coupling (S631) or SUPA® universal coupling (S601).
- Can be installed in a smaller excavation which reduces reinstatement costs.

## 36/89



DN80-300  
CTC / CTO

- 35% typical reduction in installation time.
- Full AVK design and UK manufacture, supported with holiday free internal coating, WRAS approvals, BS 5163 and WIMES 8.09 compliant.
- Maintenance in-situ on stem seals in line with British market requirements.
- Butt-fusion or electrofusion joint meaning the asset is fully integrated with the system.
- Double length of PE tails gives greater flexibility when jointing.
- Less component parts reducing potential leak paths.
- No bolts or gaskets required.
- Supplied as standard with SDR 17 PE pipe.

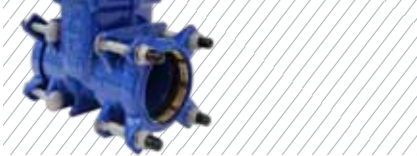
**EXPECT TOTAL SAVINGS**

**EXPECT IT TO BE EFFECTIVE AND EASY**

NEW RESILIENT SEAT GATE VALVES | 3

# FIELD TRIALS

## 01/79



### YORKSHIRE WATER - MORRISON UTILITY SERVICES

- Danby Whiske, North Yorkshire
- Extension to the existing 90mm OD PE distribution network to supply a new set of properties named Station Cottages

Action	Time per joint	Total	Time saving	Traditional total
Installation of the liners	30 seconds	<b>1 minute</b>	<b>90%</b>	45 minutes
Aligned and torque up	2 minutes	<b>4 minutes</b>		
<b>TOTAL TIME USING S01/79</b>		<b>5 minutes</b>		

### ANGLIAN WATER - BALFOUR BEATTY

- Manea near Wisbech, Cambridgeshire
- Replacement of existing 3" cast iron main with 90mm OD PE

Action	Time per joint	Total	Time saving	Traditional total
Installation of the liners	1 minute	<b>2 minutes</b>	<b>85%</b>	55 minutes
Aligned and torque up	3 minutes	<b>6 minutes</b>		
<b>TOTAL TIME USING S01/79</b>		<b>8 minutes</b>		

## 32/49



### SEVERN TRENT WATER - R&M DLO TEAM

- Shropshire & Powys
- Repair of existing 6" PVC pipe that had burst
- Large amounts of AC and PVC pipework have been installed in the rural west of the STW region. A burst pipe cracks longitudinally and the length of pipe has to be replaced causing supply interruptions. The S32/49 gate valve can be quickly and easily installed reducing the supply interruption time and helping to secure the network on recharge and improving the network options in case of further bursts.

Action	Time per joint	Total	Time saving	Traditional total
Cut spigots (if required) to necessary length	5 minutes	<b>10 minutes</b>	<b>70%</b>	95 minutes
Install using appropriate couplings	10 minutes	<b>20 minutes</b>		
<b>TOTAL TIME USING S32/49</b>		<b>30 minutes</b>		

## 36/89



### THAMES WATER - OPTIMISE

- Victorian main replacement, Camden, London
- Replacement of existing 4" cast iron main with 125mm OD PE
- Work was in a densely populated area and included new service connections and hydrants. The PE tailed gate valve allowed a smaller trench and reduced time within the trench due to less component parts leading to a much quicker installation.

Action	Time per joint	Total	Time saving	Traditional total
Pipe preparation	15 minutes	<b>30 minutes</b>	<b>35%</b>	86 minutes
EF coupling	3 minutes	<b>6 minutes</b>		
Cooling	10 minutes	<b>20 minutes</b>		
<b>TOTAL TIME USING S36/89</b>		<b>56 minutes</b>		

#### Northampton Office

8 Rushmills  
Northampton  
NN4 7YB  
England, UK.

Tel: +44 (0) 1604 601188  
Fax: +44 (0) 1604 604818  
Email: customerservice@avkuk.co.uk

Visit our website for more information

[www.avkuk.co.uk](http://www.avkuk.co.uk)

or visit our webshop  
[shop.avkuk.co.uk](http://shop.avkuk.co.uk)



Expect... **AVR**