

Valves, Couplings & Adaptors

AVK

IRRIGATION
Series



IRRIGATION USE

**Not drinking
water**



Resilient Seated Gate Valve



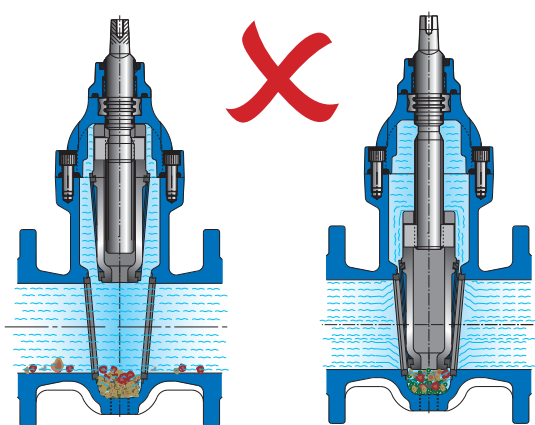
- Ductile Iron flanged Table D
 - CC Clockwise Closing
 - EPDM rubber wedge
 - SS stem
 - FBE coating external and internal
 - Stem cap (handwheel optional)
 - PN16 rated
 - Sizes stocked: DN80, 100, 150 & 200
- Note; DN250 & 300 also available on application

Resilient Seated Gate Valve

- Ductile Iron Socket Series 1 (white)
- CC Clockwise Closing
- EPDM rubber wedge
- SS stem
- FBE coating external and internal
- Stem cap
- PN16 rated
- Sizes stocked: DN80, 100, 150 & 200



Why quality resilient seated gate valves are superior



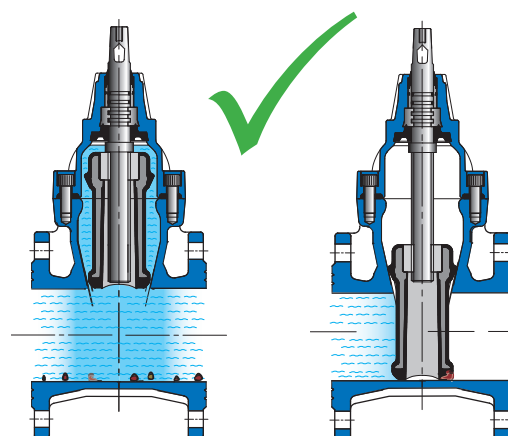
Metal seated gate valves

Sand and other impurities will gather in the sump no matter how carefully the valve is installed. Such impurities can become stuck during closing. The stem may be overloaded and the sealing rings permanently damaged. Consequently leakage is the result!



The AVK Wedge is the Heart of our famous resilient seated gate valves.

The unique AVK rubber is vulcanised to the ductile iron metal core with a process that fully bonds the two materials preventing creeping and corrosion.



Resilient seated gate valves

Even after many years of service, tiny pebbles, sand and other impurities will not affect the rubber surface or the tightness of the valve. The impurities are flushed away when the valve is reopened.



Straight Coupling SHORT Straight Coupling LONG

- Ductile Iron universal multi-fit style
- EPDM rubber seals
- Galvanised steel fasteners
- FBE coating external and internal
- PN16 rated
- Sizes stocked:

DN80	suit sealing range	84	-	106mm
DN100	suit sealing range	109	-	133mm
DN150	suit sealing range	157	-	183mm
DN200	suit sealing range	218	-	242mm

Flange Adaptor

- Ductile Iron flange to suit Table D/E
 - Universal multi-fit style
 - EPDM rubber seals
 - Mild Steel Rilsan Nylon (black) coated bolts
 - FBE coating external and internal
 - PN16 rated
 - Sizes stocked:

DN80	flange x sealing range	84	-	106mm
DN100	flange x sealing range	109	-	133mm
DN150	flange x sealing range	157	-	183mm
DN200	flange x sealing range	218	-	242mm
- Note; An ideal (shorter face to face and lighter) alternative to a standard flanged x socket connector fitting



The unique AVK seal design with moulded ribs ensures that any minor imperfection in the pipe is absorbed by the rubber seals.



The AVK coupling and flange adaptors are suitable for installation on cast iron, ductile iron, AC, RC, steel, PVC-U, PVC-M and PVC-O pipe materials.

Note: Not suitable for PE pipe as these have their own unique range, refer AVK Series 621 & 623.

Wide tolerance span

With a wide tolerance span, these AVK couplings and flange adaptors are one of the most flexible coupling systems available. They allow a maximum total angular deflection of ± 8 degrees. They are non tensile and provide no longitudinal joint restraint.



● **Quality**

All AVK products are manufactured under our ISO 9001 Quality Certified Systems.

Your guarantee of quality product.



Quality
ISO 9001
SAI GLOBAL



● **Strong Ductile Iron**

All AVK products are manufactured with strong ductile iron material (not standard grey cast iron). The tensile properties of ductile iron allow the material to elongate (stretch) when under pressure as well as good compressive force. This translates into lower brittleness and higher ductility making it a perfect choice for valves, couplings and adaptors.

● **Fusion Bonded Epoxy (FBE) Coating**

All AVK products are manufactured with FBE internal and external coatings. The epoxy is applied electrostatically in an enclosed booth, where the powder melts and cures on contact with the shot blasted cleaned and preheated component. It is a hard wearing knock resistant coating and designed for buried service.



● **Inspection & Testing**

All AVK products undergo a number of tests in accordance with internal procedures established for the various products we manufacture.

● **Not for drinking water**

All these “IRRIGATION SERIES’ products have been designed for irrigation, mining and general industry purposes and applications. The Grey Series are not to be installed in potable/drinkable water pipework. (Refer to the AVK Blue Series for this purpose).



IRRIGATION USE

Not drinking water