



EXPECT SOLUTIONS,
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PRODUCTS






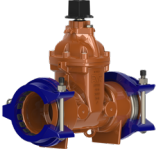




RESILIENT WEDGE GATE VALVES

Type

Component









Standard material

Optional material

<p>Series 65 Reduced Wall Ductile Iron</p> <p>AWWA C515 250 PSI</p> <p>MJxMJ 3"-12" MJxFL 3"-12" FLxFL 2½"-12" POxPO 4"-12" POxFL 4"-12"</p> 	<table border="1"> <tbody> <tr><td>Body/Bonnet</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Gland Flange</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Operating Nut</td><td>Ductile iron ASTM A536</td><td>Bronze</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>Low zinc bronze (Sewer appl)</td></tr> <tr><td>Wedge</td><td>EPDM encapsulated with ductile iron core</td><td>NBR</td></tr> <tr><td>Hardware</td><td>304 stainless steel</td><td>316 stainless steel</td></tr> <tr><td>Coating</td><td>VeloCorr™ certified holiday free, internally</td><td>Polyurea/Polyurethane Hybrid (PUR)</td></tr> <tr><td>O-rings</td><td>Nitrile rubber</td><td>N/A</td></tr> </tbody> </table>	Body/Bonnet	Ductile iron ASTM A536	N/A	Gland Flange	Ductile iron ASTM A536	N/A	Operating Nut	Ductile iron ASTM A536	Bronze	Stem	Stainless steel	Low zinc bronze (Sewer appl)	Wedge	EPDM encapsulated with ductile iron core	NBR	Hardware	304 stainless steel	316 stainless steel	Coating	VeloCorr™ certified holiday free, internally	Polyurea/Polyurethane Hybrid (PUR)	O-rings	Nitrile rubber	N/A
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<p>Series 65 Hymax Grip® Reduced Wall Ductile Iron</p> <p>AWWA C515 250 PSI</p> <p>Hymax-Hymax HYxHY 2"-12" Hymax-Flange HYxFL 4"-12"</p> 	<table border="1"> <tbody> <tr><td>Body/Bonnet</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Gland Flange</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Operating Nut</td><td>Ductile iron ASTM A536</td><td>Bronze</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>Low zinc bronze (Sewer appl)</td></tr> <tr><td>Wedge</td><td>EPDM encapsulated with ductile iron core</td><td>NBR</td></tr> <tr><td>Hardware</td><td>304 stainless steel</td><td>316 stainless steel</td></tr> <tr><td>Coating</td><td>VeloCorr™ certified holiday free, internally</td><td>Polyurea/Polyurethane Hybrid (PUR)</td></tr> <tr><td>O-rings</td><td>Nitrile rubber</td><td>N/A</td></tr> </tbody> </table>	Body/Bonnet	Ductile iron ASTM A536	N/A	Gland Flange	Ductile iron ASTM A536	N/A	Operating Nut	Ductile iron ASTM A536	Bronze	Stem	Stainless steel	Low zinc bronze (Sewer appl)	Wedge	EPDM encapsulated with ductile iron core	NBR	Hardware	304 stainless steel	316 stainless steel	Coating	VeloCorr™ certified holiday free, internally	Polyurea/Polyurethane Hybrid (PUR)	O-rings	Nitrile rubber	N/A
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<p>Series 45 Full Wall Ductile Iron</p> <p>AWWA C509/C515 250 PSI</p> <p>MJxMJ 3"-16" MJxMJ-CUTIN 3"-16" MJxFL 3"-16" MJxFL-TAPPING 4"-12" FLxFL- Class 125 2½"-16" POxPO 4"-12", & 16" POxFL 4"-12", & 16"</p> 	<table border="1"> <tbody> <tr><td>Body/Bonnet</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Gland Flange</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Operating Nut</td><td>Ductile iron ASTM A536</td><td>Bronze</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>Low zinc bronze (Sewer appl)</td></tr> <tr><td>Wedge</td><td>EPDM encapsulated with ductile iron core</td><td>NBR</td></tr> <tr><td>Hardware</td><td>304 stainless steel</td><td>316 stainless steel</td></tr> <tr><td>Coating</td><td>Fusion bonded epoxy coating to AWWA C550</td><td>Polyurea/Polyurethane Hybrid (PUR)</td></tr> <tr><td>O-rings</td><td>Nitrile rubber</td><td>N/A</td></tr> </tbody> </table>	Body/Bonnet	Ductile iron ASTM A536	N/A	Gland Flange	Ductile iron ASTM A536	N/A	Operating Nut	Ductile iron ASTM A536	Bronze	Stem	Stainless steel	Low zinc bronze (Sewer appl)	Wedge	EPDM encapsulated with ductile iron core	NBR	Hardware	304 stainless steel	316 stainless steel	Coating	Fusion bonded epoxy coating to AWWA C550	Polyurea/Polyurethane Hybrid (PUR)	O-rings	Nitrile rubber	N/A
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<p>Series 45 350 PSI Cold Working Pressure Ductile Iron</p> <p>Tested to AWWA C509 FLxFL class 250</p> <p>4"-12" Cold Working Pressure - 350 PSI</p> 	<table border="1"> <tbody> <tr><td>Body/Bonnet</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Gland Flange</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Operating Nut</td><td>Ductile iron ASTM A536</td><td>Bronze</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>Low zinc bronze (Sewer appl)</td></tr> <tr><td>Wedge</td><td>EPDM encapsulated with ductile iron core</td><td>NBR</td></tr> <tr><td>Hardware</td><td>304 stainless steel</td><td>316 stainless steel</td></tr> <tr><td>Coating</td><td>Fusion bonded epoxy coating to AWWA C550</td><td>Polyurea/Polyurethane Hybrid (PUR)</td></tr> <tr><td>O-rings</td><td>Nitrile rubber</td><td>N/A</td></tr> </tbody> </table>	Body/Bonnet	Ductile iron ASTM A536	N/A	Gland Flange	Ductile iron ASTM A536	N/A	Operating Nut	Ductile iron ASTM A536	Bronze	Stem	Stainless steel	Low zinc bronze (Sewer appl)	Wedge	EPDM encapsulated with ductile iron core	NBR	Hardware	304 stainless steel	316 stainless steel	Coating	Fusion bonded epoxy coating to AWWA C550	Polyurea/Polyurethane Hybrid (PUR)	O-rings	Nitrile rubber	N/A
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O-rings	Nitrile rubber	N/A																							
<p>Series 55 Ductile Iron</p> <p>AWWA C515 250 PSI</p> <p>MJxMJ 18",20",24",30",36" FLxFL 18",20",24",30",36"</p> 	<table border="1"> <tbody> <tr><td>Body/Bonnet</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Gland Flange</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Operating Nut</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>Low zinc bronze (Sewer appl)</td></tr> <tr><td>Wedge</td><td>EPDM encapsulated with ductile iron core</td><td>N/A</td></tr> <tr><td>Hardware</td><td>304 stainless steel</td><td>316 stainless steel</td></tr> <tr><td>Coating</td><td>Fusion bonded epoxy coating to AWWA C550</td><td>Polyurea/Polyurethane Hybrid (PUR)</td></tr> <tr><td>O-rings</td><td>Nitrile rubber</td><td>N/A</td></tr> </tbody> </table>	Body/Bonnet	Ductile iron ASTM A536	N/A	Gland Flange	Ductile iron ASTM A536	N/A	Operating Nut	Ductile iron ASTM A536	N/A	Stem	Stainless steel	Low zinc bronze (Sewer appl)	Wedge	EPDM encapsulated with ductile iron core	N/A	Hardware	304 stainless steel	316 stainless steel	Coating	Fusion bonded epoxy coating to AWWA C550	Polyurea/Polyurethane Hybrid (PUR)	O-rings	Nitrile rubber	N/A
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Hardware	304 stainless steel	316 stainless steel																							
Coating	Fusion bonded epoxy coating to AWWA C550	Polyurea/Polyurethane Hybrid (PUR)																							
O-rings	Nitrile rubber	N/A																							
<p>Series 03 Reduced Wall Ductile Iron</p> <p>AWWA C509 250 PSI</p> <p>NPTxNPT 1"-3" POxPO 2" (for IPS PVC pipe)</p> 	<table border="1"> <tbody> <tr><td>Body/Bonnet</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Gland Flange</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Operating Nut</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>N/A</td></tr> <tr><td>Wedge</td><td>EPDM encapsulated with brass core</td><td>N/A</td></tr> <tr><td>Hardware</td><td>304 stainless steel</td><td>316 stainless steel</td></tr> <tr><td>Coating</td><td>Fusion bonded epoxy coating to AWWA C550</td><td>Polyurea/Polyurethane Hybrid (PUR)</td></tr> <tr><td>O-rings</td><td>Nitrile rubber</td><td>N/A</td></tr> </tbody> </table>	Body/Bonnet	Ductile iron ASTM A536	N/A	Gland Flange	Ductile iron ASTM A536	N/A	Operating Nut	Ductile iron ASTM A536	N/A	Stem	Stainless steel	N/A	Wedge	EPDM encapsulated with brass core	N/A	Hardware	304 stainless steel	316 stainless steel	Coating	Fusion bonded epoxy coating to AWWA C550	Polyurea/Polyurethane Hybrid (PUR)	O-rings	Nitrile rubber	N/A
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Wedge	EPDM encapsulated with brass core	N/A																							
Hardware	304 stainless steel	316 stainless steel																							
Coating	Fusion bonded epoxy coating to AWWA C550	Polyurea/Polyurethane Hybrid (PUR)																							
O-rings	Nitrile rubber	N/A																							







DRY BARREL HYDRANTS

Type	Component	Standard material	Type
<p>Series 2700 MODERN Single Pumper Dual Hose AWWA C502 250 PSI UL/ULC Listed FM Approved Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 	<p>Nozzle Section, Bonnet, Barrels, Standpipe & Breakable Flanges, Main Valve Flange, Bases, Monitor Elbow Caps, Weathershield Nozzles, Valve Seat Ring, Drain Ring, Operating Nut, Thrust Nut</p>	<p>Ductile iron ASTM A536 Grey iron ASTM A126 class "B" Bronze</p>	<p>Series 2780 NOSTALGIC Single Pumper Dual Hose AWWA C502 250 PSI UL/ULC Listed FM Approved Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 
<p>Series 27CA MODERN Monitor Elbow Single Pumper Dual Hose AWWA C502 250 PSI Monitor elbows 3"- 4" flanges UL/ULC Listed FM Approved Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 	<p>Stemrod Couplings, Lock Ring, Nozzle Retaining Screw, Lock Plate, Lock Plate Screw, Coupler Pins, Main Valve Retaining Pin, Spring Pins, Main Valve Retaining Washer Main Valve</p>	<p>Stainless steel Ductile iron core, fully encapsulated in EPDM rubber</p>	<p>Series 2756 NOSTALGIC Dual Pumper AWWA C502 250 PSI UL/ULC Listed Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 
<p>Series 27EXT MODERN Extended Upper Barrel Single Pumper Dual Hose AWWA C502 250 PSI UL/ULC Listed FM Approved Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 	<p>Stop Nut, Chain Set Hardware - above ground Hardware - below ground Barrel Gasket, Cap Gasket, NBR O-rings Lubrication Hole Seal Anti-friction Washer Coating (Series 27)</p>	<p>Zinc plated steel Zinc Plated steel 304 stainless steel Barrel gasket with 304 stainless insert Oil resistant rubber Polyamide Above ground fusion bonded epoxy coated, inside and out Below ground fusion bonded epoxy base components, bitumen barrel</p>	<p>Series 2760 NOSTALGIC Single Pumper AWWA C502 250 PSI Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 
<p>Series 2712 MODERN Single Pumper AWWA C502 250 PSI Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 	<p>Coating (Series 67)</p>	<p>Above ground acrylic polyurethane paint Below ground fusion bonded epoxy coating</p>	<p>Series 2794 NOSTALGIC Dual Hose AWWA C502 250 PSI FM Approved Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 
	<p>AVK fusion bonded epoxy coatings meet or exceed the requirements of AWWA C550</p>		<p>Series 67 Post/Flushing Single Hose AWWA C502 250 PSI Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 
<p>Series 2736 MODERN Dual Pumper AWWA C502 250 PSI UL/ULC Listed Certified to: NSF/ANSI 61, NSF/ANSI 372</p> 	<p>Component</p>	<p>Optional material</p>	<p>Series 27 FlowGuard I™ Check Valve Resilient Seated 6" MJ x Spigot Tested to AWWA C508 250 PSI</p> 
	<p>Hardware Series 27 Base/Inlet Options Mechanical Joint (MJ) Flanged (FL) Straight (FL) HYMAX GRIP® (HY)* HDPE *</p>	<p>316 stainless steel 4", 6", 8" 4", 6" 6" 6" 4", 6" *HDPE and HYMAX GRIP® not UL/FM approved</p>	
	<p>Series 67 Base/Inlet Options Mechanical Joint (MJ) Flanged (FL) National Pipe Thread (NPT) HYMAX GRIP® (HY)</p>	<p>2", 3", 4" 2½", 3" 2", 2½", 3" 2"</p>	







WET BARREL HYDRANTS



Type	Component	Standard material	
<p>Series 24 Stainless Steel Wet Barrel Hydrant</p> <p>Tested to AWWA C503 200 PSI UL Listed</p> <p>Single Pumper, Dual Hose Single Pumper, Single Hose</p> 	Components for Series 24 Hydrants	Standard Material	<p>Series 24 Ductile Iron High Pressure Wet Barrel Hydrant</p> <p>Tested to AWWA C503 350 PSI UL Listed, FM Approved at 250 PSI</p> <p>Available in: Single Pumper, Dual Hose Single Pumper, Single Hose Dual Pumper, Single Hose</p> 
	Nozzle Section (Ductile Iron)	Ductile iron ASTM A536	
<p>Series 24 Bronze Wet Barrel Hydrant</p> <p>Tested to AWWA C503 200 PSI</p> <p>Available in: Single Pumper, Dual Hose Single Pumper, Single Hose Dual Pumper, Single Hose</p> 	Nozzle Section (Stainless)	304 stainless steel, CF-8 ASTM A351	<p>Series 24 FlowGuard II™ Water Loss, & Cross Contamination Reduction Valve</p> <p>For all manufacturers Wet Barrel Hydrants</p> 
	Nozzle Section (Bronze)	Bronze	
	Caps, Dummy Nuts	Grey iron ASTM A126 class "B"	
	Stems, Stem Nuts	Bronze	
	Nozzles, Thrust Nuts	Bronze	
	Thrust Collars, Thrust Nuts	Stainless steel	
	Nozzle Retaining Screws	Stainless steel	
	Valve Discs	Bronze encapsulated with nitrile rubber	
	Coating	Fusion bonded epoxy coating to AWWA C550	
	O-rings	Nitrile rubber	
	Cap Gaskets	Neoprene rubber	
	Chains	Zinc coated steel	
	Components for Series 24 FlowGuard II™	Standard Material	
	Body	Ductile iron ASTM A536	
	Retaining Cage, Seat Ring	Stainless steel CF8 ASTM A351	
	Ball	Ductile iron encapsulated with EPDM rubber	
	Hardware	304 Stainless steel	
	O-rings	Nitrile rubber	
	Coating	Fusion bonded epoxy coating to AWWA C550	
	All AVK Series 24 Wetbarrel Hydrants available with 6 or 8 bolt hole patterns		






CHECK VALVES



Type	Component	Standard material	Optional material
<p>Series 41 Swing Check Valves Ductile Iron</p> <p>AWWA C508 250 PSI 3"-12"</p> <p>Available configurations: Swing, Lever & Weight, Lever & Spring</p> 	Body/Bonnet	Ductile iron ASTM A536	N/A
	Lever/Weight	Ductile iron ASTM A536	N/A
<p>Series 53 Ball Check Valve Ductile Iron</p> <p>Flanges drilled to ANSI B16.1 Class 125 150 PSI</p> <p>FLxFL 1½"-16", 20" & 24" NPT 1½"-2" DI or SS</p> 	Hinge	3"-8" Stainless steel, 10"-12" Ductile iron ASTM A536	N/A
	Disc	Carbon steel core encapsulated with EPDM	N/A
	Hardware	304 stainless steel	316 stainless steel
	Coating	Fusion bonded epoxy coating to AWWA C550	N/A
	O-rings	Nitrile rubber	N/A
<p>Series 764 Plug Valve Ductile Iron</p> <p>Flanges drilled to ANSI B16.1 Class 125 150 PSI</p> <p>FLxFL 2½"-12"</p> 	Body/Bonnet	Ductile iron ASTM A536	Stainless steel for NPT
	Ball	Aluminum core encapsulated with NBR	Floating or Polyurethane
	Hardware	Zinc plated steel	304 - 316 stainless steel
	Coating	Fusion bonded epoxy coating	Black primer
	O-rings	Nitrile rubber	N/A
<p>Series 764 Plug Valve Ductile Iron</p> <p>Flanges drilled to ANSI B16.1 Class 125 150 PSI</p> <p>FLxFL 2½"-12"</p> 	Body/Bonnet/ISO Flange	Ductile iron ASTM A536	N/A
	Plug	Ductile iron ASTM A536 encapsulated with NBR	EPDM
	Seat	Welded Nickel	N/A
	Hardware	316 stainless steel	N/A
	Coating	Fusion bonded epoxy coating	N/A
	O-rings	Nitrile rubber	N/A









UL/FM FIRE PROTECTION

Type	Component	Standard material	Optional material	
<p>Series 45 Ductile Iron Full Wall for Indicator Post AWWA C509 250 PSI MJxMJ 3"-16" MJxFL 3"-16" FLxFL 4"-16" POxPO 4"-12", &16" POxFL 4"-12", &16"</p> 	Body/PI Plate	Ductile iron ASTM A536	N/A	
	Bonnet	Grey iron ASTM A126 class B	N/A	
	Operating Nut	Ductile iron ASTM A536	Bronze	
	Stem	Stainless steel	Bronze	
	Wedge	EPDM encapsulated with ductile iron core	NBR	
	Hardware	304 stainless steel	316 stainless steel	
	Coating	Fusion bonded epoxy coating to AWWA C550	N/A	
	O-rings	Nitrile rubber	N/A	
	<p>Series 45 OS&Y Full Wall Ductile Iron AWWA C509 250 PSI FLxFL - Class 125 2½"-12" FLxFL - Class 250 4"-12"</p> 	Body/Bonnet	Ductile iron ASTM A536	N/A
		Yoke,Gland Follower	Ductile iron ASTM A536	N/A
Handwheel		Ductile iron ASTM A536	N/A	
Anti-friction Washer, Stemnuts		Bronze	N/A	
Gland, Gland Bushing		Akulon	N/A	
Stem		Stainless steel	Bronze	
Wedge		EPDM encapsulated with ductile iron core	NBR	
Hardware		304 stainless steel	316 stainless steel	
Coating		Fusion bonded epoxy coating to AWWA C550	N/A	
O-rings		Nitrile rubber	N/A	
<p>Series 45 Grooved NRS Ductile Iron Tested to AWWA C509 250 PSI GRxGR 2½"-10" GRxFL 2½"-10" Grooved ends to AWWA C506 Available in IPS & DIPS</p> 	Body/Gland Flange	Ductile iron ASTM A536	N/A	
	Wrench Nut	Ductile iron ASTM A536	N/A	
	Handwheel/Bonnet	Grey iron ASTM A126 class "B"	N/A	
	Stem	Stainless steel	Bronze	
	Wedge	EPDM encapsulated with ductile iron core	NBR	
	Hardware	304 stainless steel	316 stainless steel	
	Coating	Fusion bonded epoxy coating to AWWA C550	N/A	
	O-rings	Nitrile rubber	N/A	
	<p>Series 45 Grooved OS&Y Ductile Iron Tested to AWWA C509 250 PSI GRxGR 2½"-10" GRxFL 2½"-10" Grooved ends to AWWA C506 Available in IPS & DIPS</p> 	Body/Gland Flange	Ductile iron ASTM A536	N/A
		Yoke,Gland Follower	Ductile iron ASTM A536	N/A
Handwheel, Bonnet		Ductile iron ASTM A536	N/A	
Anti-friction Washer, Stemnuts		Bronze	N/A	
Gland, Gland Bushing		Akulon	N/A	
Stem		Stainless steel	Bronze	
Wedge		EPDM encapsulated with ductile iron core	NBR	
Hardware		304 stainless steel	316 stainless steel	
Coating		Fusion bonded epoxy coating to AWWA C550	N/A	
O-rings		Nitrile rubber	N/A	
<p>Series 34 Telescoping Indicator Post For valve sizes 4"-16" UL/ULC Listed 4"-16" FM Approved 4"-14"</p> 	Indicator Head, Bonnet	Ductile iron ASTM A536	N/A	
	Bell, Wrench Nut adaptor	Ductile iron ASTM A536	N/A	
	Operating Wrench	Ductile iron ASTM A536	N/A	
	Upper, Lower Stems	Cold drawn steel	N/A	
	Lower Barrel	PVC pipe	Ductile iron	
	Hardware	Zinc plated steel	304, 316 stainless steel	
	Target, Operating Nut	Bronze	N/A	
	Set Screw, Pins, Snap Ring	Stainless steel	N/A	
	Open/Shut Signs	Aluminum	N/A	
	Window	Polycarbonate	N/A	



UL/FM FIRE PROTECTION

Type Component Standard material Optional material

<p>Series 34 Wall Indicator Post</p>  <p>For valve sizes 4"-16"</p> <p>UL/ULC Listed 4"-16" FM Approved 4"-14"</p>	<table border="1"> <tbody> <tr><td>Indicator Head, Handwheel</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Wrench Nut Adaptor</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Operating Wrench</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Stem</td><td>Cold drawn steel</td><td>N/A</td></tr> <tr><td>Set Screw, Tension Pin, Circlip</td><td>Stainless steel</td><td>N/A</td></tr> <tr><td>Hardware</td><td>Zinc plated steel</td><td>N/A</td></tr> <tr><td>Coating</td><td>Fusion bonded epoxy coating to AWWA C550</td><td>N/A</td></tr> <tr><td>Target, Operating Nut</td><td>Bronze</td><td>N/A</td></tr> <tr><td>Open/Shut Signs</td><td>Aluminum</td><td>N/A</td></tr> <tr><td>Window</td><td>Polycarbonate</td><td>N/A</td></tr> </tbody> </table>	Indicator Head, Handwheel	Ductile iron ASTM A536	N/A	Wrench Nut Adaptor	Ductile iron ASTM A536	N/A	Operating Wrench	Ductile iron ASTM A536	N/A	Stem	Cold drawn steel	N/A	Set Screw, Tension Pin, Circlip	Stainless steel	N/A	Hardware	Zinc plated steel	N/A	Coating	Fusion bonded epoxy coating to AWWA C550	N/A	Target, Operating Nut	Bronze	N/A	Open/Shut Signs	Aluminum	N/A	Window	Polycarbonate	N/A
Indicator Head, Handwheel	Ductile iron ASTM A536	N/A																													
Wrench Nut Adaptor	Ductile iron ASTM A536	N/A																													
Operating Wrench	Ductile iron ASTM A536	N/A																													
Stem	Cold drawn steel	N/A																													
Set Screw, Tension Pin, Circlip	Stainless steel	N/A																													
Hardware	Zinc plated steel	N/A																													
Coating	Fusion bonded epoxy coating to AWWA C550	N/A																													
Target, Operating Nut	Bronze	N/A																													
Open/Shut Signs	Aluminum	N/A																													
Window	Polycarbonate	N/A																													
<p>Series 145 NRS For Fire Protection Ductile Iron</p>  <p>250 PSI Flanged ends to ASME B16.42 class 150 FLxFL 2½"-8" IPS Grooved ends to AWWA C506 GRxGR 2½"-8" GRxFL 2½"-8" UL/ULC Listed FM Approved</p>	<table border="1"> <tbody> <tr><td>Body/Gland Flange</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Bonnet</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Operating Nut</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>N/A</td></tr> <tr><td>Wedge</td><td>EPDM encapsulated with ductile iron core</td><td>N/A</td></tr> <tr><td>Hardware</td><td>Zinc plated steel</td><td>304 -316 stainless steel</td></tr> <tr><td>Coating</td><td>Fusion bonded epoxy coating to AWWA C550</td><td>N/A</td></tr> <tr><td>Bonnet Gasket, O-rings</td><td>Nitrile rubber</td><td>N/A</td></tr> </tbody> </table>	Body/Gland Flange	Ductile iron ASTM A536	N/A	Bonnet	Ductile iron ASTM A536	N/A	Operating Nut	Ductile iron ASTM A536	N/A	Stem	Stainless steel	N/A	Wedge	EPDM encapsulated with ductile iron core	N/A	Hardware	Zinc plated steel	304 -316 stainless steel	Coating	Fusion bonded epoxy coating to AWWA C550	N/A	Bonnet Gasket, O-rings	Nitrile rubber	N/A						
Body/Gland Flange	Ductile iron ASTM A536	N/A																													
Bonnet	Ductile iron ASTM A536	N/A																													
Operating Nut	Ductile iron ASTM A536	N/A																													
Stem	Stainless steel	N/A																													
Wedge	EPDM encapsulated with ductile iron core	N/A																													
Hardware	Zinc plated steel	304 -316 stainless steel																													
Coating	Fusion bonded epoxy coating to AWWA C550	N/A																													
Bonnet Gasket, O-rings	Nitrile rubber	N/A																													
<p>Series 145 OS&Y For Fire Protection Ductile Iron</p>  <p>250 PSI Flanged ends to ASME B16.42 class 150 FLxFL 2½"-8" IPS Grooved ends to AWWA C506 GRxGR 2½"-8" GRxFL 2½"-8" UL/ULC Listed FM Approved</p>	<table border="1"> <tbody> <tr><td>Body/Bonnet-Yoke</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Yoke,Gland Follower</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Handwheel</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Anti-friction Washer, Sternnuts</td><td>Bronze</td><td>N/A</td></tr> <tr><td>Gland, Gland Bushing</td><td>Akulon</td><td>N/A</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>N/A</td></tr> <tr><td>Wedge</td><td>EPDM encapsulated with ductile iron core</td><td>N/A</td></tr> <tr><td>Hardware</td><td>Zinc plated steel</td><td>304 -316 stainless steel</td></tr> <tr><td>Coating</td><td>Fusion bonded epoxy coating to AWWA C550</td><td>N/A</td></tr> <tr><td>Bonnet Gasket, O-rings</td><td>Nitrile rubber</td><td>N/A</td></tr> </tbody> </table>	Body/Bonnet-Yoke	Ductile iron ASTM A536	N/A	Yoke,Gland Follower	Ductile iron ASTM A536	N/A	Handwheel	Ductile iron ASTM A536	N/A	Anti-friction Washer, Sternnuts	Bronze	N/A	Gland, Gland Bushing	Akulon	N/A	Stem	Stainless steel	N/A	Wedge	EPDM encapsulated with ductile iron core	N/A	Hardware	Zinc plated steel	304 -316 stainless steel	Coating	Fusion bonded epoxy coating to AWWA C550	N/A	Bonnet Gasket, O-rings	Nitrile rubber	N/A
Body/Bonnet-Yoke	Ductile iron ASTM A536	N/A																													
Yoke,Gland Follower	Ductile iron ASTM A536	N/A																													
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Anti-friction Washer, Sternnuts	Bronze	N/A																													
Gland, Gland Bushing	Akulon	N/A																													
Stem	Stainless steel	N/A																													
Wedge	EPDM encapsulated with ductile iron core	N/A																													
Hardware	Zinc plated steel	304 -316 stainless steel																													
Coating	Fusion bonded epoxy coating to AWWA C550	N/A																													
Bonnet Gasket, O-rings	Nitrile rubber	N/A																													
<p>Series 5190 IPS Grooved End Swing Check Valve For Fire Protection Ductile Iron</p>  <p>350 PSI GRxGR 2½"-8" UL/ULC Listed FM Approved</p>	<table border="1"> <tbody> <tr><td>Body</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Body Seat</td><td>Bronze</td><td>N/A</td></tr> <tr><td>Clapper, Hardware</td><td>Stainless Steel</td><td>N/A</td></tr> <tr><td>Facing Seal Gasket</td><td>EPDM rubber</td><td>N/A</td></tr> <tr><td>Wedge</td><td>EPDM encapsulated with ductile iron core</td><td>N/A</td></tr> <tr><td>Coating</td><td>RAL 3000 Red, 2 layer paint</td><td>N/A</td></tr> <tr><td>Plugs</td><td>Carbon steel</td><td>N/A</td></tr> </tbody> </table>	Body	Ductile iron ASTM A536	N/A	Body Seat	Bronze	N/A	Clapper, Hardware	Stainless Steel	N/A	Facing Seal Gasket	EPDM rubber	N/A	Wedge	EPDM encapsulated with ductile iron core	N/A	Coating	RAL 3000 Red, 2 layer paint	N/A	Plugs	Carbon steel	N/A									
Body	Ductile iron ASTM A536	N/A																													
Body Seat	Bronze	N/A																													
Clapper, Hardware	Stainless Steel	N/A																													
Facing Seal Gasket	EPDM rubber	N/A																													
Wedge	EPDM encapsulated with ductile iron core	N/A																													
Coating	RAL 3000 Red, 2 layer paint	N/A																													
Plugs	Carbon steel	N/A																													
<p>Series 815 IPS Grooved End Butterfly Valve For Fire Protection Ductile Iron</p>  <p>300 PSI GRxGR 2½"-8" UL/ULC Listed FM Approved</p>	<table border="1"> <tbody> <tr><td>Body</td><td>Ductile iron ASTM A536</td><td>N/A</td></tr> <tr><td>Indicator Flag</td><td>Grey iron ASTM A126 class B</td><td>N/A</td></tr> <tr><td>Coating</td><td>Fusion bonded epoxy coating to AWWA C550</td><td>N/A</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>N/A</td></tr> <tr><td>Bushings</td><td>Copper alloy</td><td>N/A</td></tr> <tr><td>Hardware</td><td>Zinc plated steel</td><td>N/A</td></tr> <tr><td>Disc</td><td>Ductile iron ASTM A536 encapsulated with EPDM-rubber</td><td>N/A</td></tr> <tr><td>O-rings</td><td>Nitrile rubber</td><td>N/A</td></tr> </tbody> </table>	Body	Ductile iron ASTM A536	N/A	Indicator Flag	Grey iron ASTM A126 class B	N/A	Coating	Fusion bonded epoxy coating to AWWA C550	N/A	Stem	Stainless steel	N/A	Bushings	Copper alloy	N/A	Hardware	Zinc plated steel	N/A	Disc	Ductile iron ASTM A536 encapsulated with EPDM-rubber	N/A	O-rings	Nitrile rubber	N/A						
Body	Ductile iron ASTM A536	N/A																													
Indicator Flag	Grey iron ASTM A126 class B	N/A																													
Coating	Fusion bonded epoxy coating to AWWA C550	N/A																													
Stem	Stainless steel	N/A																													
Bushings	Copper alloy	N/A																													
Hardware	Zinc plated steel	N/A																													
Disc	Ductile iron ASTM A536 encapsulated with EPDM-rubber	N/A																													
O-rings	Nitrile rubber	N/A																													
<p>Series 970 Trim Valves For Fire Protection</p>  <p>175 PSI Angle Valve ½"-2" - NPT Ball Valve ½"-2" - NPT Globe Valve ½"-2" - NPT 3 Way Valve ¼" - NPT OS&Y Gate Valve ¾"-2" - NPT</p>	<table border="1"> <tbody> <tr><td>Body</td><td>Cast bronze</td><td>N/A</td></tr> <tr><td>Stem</td><td>Stainless steel</td><td>N/A</td></tr> <tr><td>Hardware</td><td>Zinc plated steel</td><td>N/A</td></tr> <tr><td>Disc</td><td>Ductile iron ASTM A536 encapsulated with EPDM-rubber</td><td>N/A</td></tr> </tbody> </table>	Body	Cast bronze	N/A	Stem	Stainless steel	N/A	Hardware	Zinc plated steel	N/A	Disc	Ductile iron ASTM A536 encapsulated with EPDM-rubber	N/A																		
Body	Cast bronze	N/A																													
Stem	Stainless steel	N/A																													
Hardware	Zinc plated steel	N/A																													
Disc	Ductile iron ASTM A536 encapsulated with EPDM-rubber	N/A																													



BUTTERFLY VALVES



HDPE VALVES

Type

Component

Standard material

Optional material

**Series 766
Double Eccentric
Butterfly Valve**

AWWA C504
150 PSI or 250 PSI

MxMJ 24"-48"
FLxFL 24"-48"



Body/Disc/Endplate	Ductile iron ASTM A536	N/A
Disc Ring	316 stainless steel	N/A
Stems/Dowel Pins	431 stainless steel	17-4PH class 250
Coating	Fusion bonded epoxy coating to AWWA C550	N/A
Hardware	316 stainless steel	N/A
Bearings	Bronze with PTFE	N/A
Seal Housing	Aluminum Bronze	N/A
Misc. O-rings	EPDM rubber	N/A
Seal	EPDM	NBR

**Series 816
Concentric
Butterfly Valve**

AWWA C504
150 PSI or 250PSI

MxMJ 4"-24"
MxFL 6"-24"
FLxFL 3"-24"
WAFER 3"-20"



Body	Ductile iron ASTM A536	N/A
Disc	Ductile iron ASTM A536 with NI-CU seat	N/A
Stem	17-4PH stainless steel	N/A
Bushings	Copper alloy ASTM B505	N/A
Hardware	304 stainless steel	N/A
Coating	Two Component High Solids Epoxy	N/A
O-rings	NBR	N/A
Seal	EPDM	N/A

**Series 66
HDPE FUSIBLE**

AWWA C515
(where applicable)
250 PSI

HDPE x HDPE 2"-3" - SDR9,11,13.5,17
HDPE x HDPE 4"-16" - SDR9,11,13.5



Body/Gland Flange	Ductile iron ASTM A536	N/A
Bonnet	Grey iron ASTM A126 class B	N/A
Operating Nut	Ductile iron ASTM A536	Bronze
Stem	Stainless steel	Low zinc bronze (Sewer application)
Wedge	EPDM encapsulated with ductile iron core	NBR
Hardware	304 stainless steel	316 stainless steel
Coating	Fusion bonded epoxy coating to AWWA C550	Polyurea/Polyurethane Hybrid (PUR)
O-rings	Nitrile rubber	N/A

**Series 85 HDPE
Ball Valves**

AWWA C521

SDR 11 - 200 PSI Water,
100 PSI Gas - 3/4"-6" IPS

SDR 9 - 250 PSI Water,
160 PSI Gas - 2"-6" IPS

SDR 7 - 335 PSI Water,
214 PSI Gas - 2"-6" IPS



Body/Reducer	HDPE PE 4710 (PE 100-RC)	N/A
Ball, Seat Retainer	HDPE PE 4710 (PE 100-RC)	N/A
Support Ring	HDPE PE 4710 (PE 100-RC)	N/A
Stem	POM	N/A
Operating Nut	PA-GF	N/A
Seat, O-rings	NBR-70 NSF Approved	N/A

American AVK Company Locations

American AVK Company

2155 Meridian Blvd.
Minden, NV
89423
USA

Tel.: 775-552-1400
Fax: 775-783-1031
sales@avkus.com
www.americanavk.com

Distribution Centers

La Vergne, TN
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