

# AMERICAN Flow Control®

## Valves and Fire Hydrants with ALPHA™ Ends



- Available in sizes 4”-12”
- Faster Installation Saves Time and Money
- Factory Installed Restraint Components
- ANSI/AWWA C515 Rated at 250 psig
- ALPHA - Compatible with Ductile Iron, HDPE and PVC
- ALPHA XL - Compatible with Gray Iron (Class A, B, C and D)
- ALPHA x ALPHA XL End Configuration Eliminates Transition Coupling
- Also available in FLANGE x ALPHA and MJ x ALPHA (6” Only)



Valve Size (in)	ALPHA OD Range (in)	ALPHA XL OD Range (in)
4	4.50 - 4.90	4.80 - 5.10
6	6.60 - 7.00	6.90 - 7.10
8	8.60 - 9.10	9.05 - 9.40
10	10.75 - 11.20	11.10 - 11.45
12	12.75 - 13.30	13.20 - 13.60



**AMERICAN**  
FLOW CONTROL  
THE RIGHT WAY

# AMERICAN FLOW CONTROL VALVES AND HYDRANTS WITH ALPHA™ RESTRAINED JOINT ENDS

- **MATERIAL FLEXIBILITY** – The ALPHA restrained joint is compatible with several pipe materials, including ductile iron, cast iron, HDPE and PVC pipe.
- **EASIER TO INSTALL** - Compared to the Mechanical Joint, which uses up to eight bolts on each end, the ALPHA uses only one stainless steel bolt. This makes the ALPHA restrained joint easier to install, saving time and money.
- **PREASSEMBLED** - Unlike the Mechanical Joint, ALPHA comes with the restraint accessories attached, saving more time and money.
- **FULLY RESTRAINED SYSTEM** - ALPHA is available on 4”- 12” AMERICAN Flow Control Series 2500 Resilient Wedge Gate Valves and on the American-Darling and Waterous brands of fire hydrants.
- **WORKS WITH PRESSURE** - ALPHA works with the pressure to achieve joint restraint.

IT’S THE ONLY GATE VALVE OR HYDRANT YOU’LL EVER NEED

## SAMPLE SPECIFICATION

When specifying your AMERICAN Flow Control valves and hydrants, be sure to include the following requirements:

- Hydrant or valve inlet shall be a restrained joint designed for use with ductile iron, cast iron, HDPE and PVC pipe materials.
- Inlet shall incorporate a stab-fit design using a single Type 304 stainless steel fastener and heat-treated ductile iron grippers. The assembly of mechanical joint restrainers using multiple fasteners or wedge bolts that point load the pipe are not permitted.
- The joint design shall work with the pressure to achieve joint restraint. All accessories shall be factory installed.
- All hydrant or valve inlets shall be the Romac ALPHA design, as furnished by AMERICAN Flow Control.



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