

# ALPHA™ RESTRAINED JOINT RESTRAINED FLANGED COUPLING

## SUBMITTAL INFORMATION



### USE

Provides a Restrained Joint for multi-purpose use from IPS PVC through Cast iron to flanged fittings. The ALPHA can accommodate up to 4 degrees of deflection per end. The XL may have limited deflection at the top of the range (2 degrees max each end).

### STANDARD

The ALPHA FCA is in accordance with the requirements of AWWA Standard C219.

### FLANGE

Compatible with ANSI Class 125 and 150 bolt circles.

### MATERIALS

#### CASTINGS

All cast components (end rings, center ring, and bolt guides) are ductile iron, meeting or exceeding the requirements of ASTM A 536, grade 65-45-12.

#### GRIPPERS

Ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12. Machine sharpened and heat treated. Xylan 1424 coated for superior corrosion resistance.

#### GASKETS

SBR compounded for water and sewer service per ASTM D2000, classified by UL to meet NSF61 or NBR compounded for water and sewer service per ASTM D2000, NSF61 Certified. O-Ring style flange gasket is NBR in accordance with ASTM D2000, NSF61 Certified. Other compounds available upon request.

#### DRAW HOOKS

Uncoated 304 stainless steel.

#### RAMP RUNNERS

Nylon 66, Black, 14% Glass filled

#### BOLTS AND NUTS

5/8-11 bolts with heavy hex nuts. E-coated nuts, 304 stainless steel. Fasteners provided with anti-galling protection.

#### COATINGS

Flanged coupling body is Romacoat fusion bonded epoxy, NSF 61 Certified. End rings are Romabond polyester.

### PRESSURE

When properly installed, the Romac ALPHA coupling can be used at working pressures equal to the rating of the installed pipe up to 350 psi.

### PIPE MATERIALS

The Romac ALPHA series couplings can be used on DI, Oversized Cast Iron, PVC (IPS, C900, C909), and HDPE (SDRs 9, 11, 13.5 and 17). Stiffener not required.

### SIZES & RANGES

See catalog.

*This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.*