

ALPHA RESTRAINED JOINT EXTENDED RANGE COUPLING

SUBMITTAL INFORMATION



USE

Provides a Restrained Joint for multi-purpose use from IPS PVC through Cast iron. 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, in coupling configuration, is in accordance with the requirements of AWWA Standard C219.

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. 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

Center ring 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.