

Sample Specification – ALPHA Restraint Couplings & Flange Coupling Adapters

Mechanical Joint Restraint: Integral, full circumferential, extended range, stab-fit, segmented, and serrated mechanical restraint system to provide a fully restrained and pressure rated connection on plain end pipe(s). Connection shall maintain a restrained, bubble tight seal under applied operating pressure(s), without the need for continuous bolt torque. For multipurpose use on similar or dissimilar pipe diameters on a variety of acceptable pressure class pipe materials; DI, CI, PVC (C900, C909 & IPS) and HDPE (DR 9 thru 17 pipe stiffeners not required). Center Ring, End Ring(s), Bolt Guide(s) and Grippers are cast ductile iron, meeting or exceeding ASTM A536, Grade 65-45-12. Center Ring is Romacoat fusion bonded epoxy certified and listed to ANSI/NSF 61 & 372. End Ring(s) and Bolt Guide(s) are Romabond polyester. Segmented grippers are machine sharpened, heat treated, and Xylan 1424 coated. Gaskets are SBR (or optional NBR) compounded for water and sewer service to ASTM D2000, certified & listed ANSI/NSF 61 & 372. Draw Hooks, Bolt(s) and Nut(s) are Type 304 stainless steel (or optional 316 B&N), with heavy hex nut(s) E-Coat epoxy. Ramp Runners are Nylon 66, Black, 14% Glass filled.

All Couplings and Flange Coupling Adapters shall be **Romac ALPHA Restraint** or approved equal.

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