MATERIAL SPECIFICATIONS

RESTRAINT RINGS: This weldment is manufactured from ASTM A36 Steel with a minimum yield stress of 36,000 psi. Two of these are required, one on each side of the coupling.

TIE RODS: High tensile alloy steel per ASTM A193 grade B7. Type 304 or 316 stainless steel is optional and requires twice as many rods.

COATING: Bare, unless otherwise specified.

PRESSURE: The standard design pressures of 50, 100, 150, 200, 250 & 300 psi are specified in the AWWA M11 manual. These pressures specify the tie rod quantities and diameter. Other pressures can be accommodated.

RING TOLERANCE: The Harness weldment inner diameter (ID) is manufactured with a 3/16 inch (on diameter) clearance between the specified pipe OD up through 24 inch and 1/4 inch larger than 24 inch.

SIZES: 6" - 144" for steel pipe. Other sizes available on request.

ROMAC MANUFACTURES JOINT HARNESSES AS SPECIFIED PER AWWA M11 DESIGNED TO RESTRRAIN FLEXIBLE COUPLINGS (STYLE 501 AND STYLE 400) ON STEEL PIPE-LINES. THESE HARNESSES ARE FIELD WELDED IN PLACE.