

Sample Specification – Grip Ring Restraint

Mechanical Joint Restraint: Full circumferential serrated mechanical restraint for use on mechanical joint (MJ) pipe, fittings, valves and hydrants in water distribution and fire protection systems. Nominal 4" – 12" diameters rated to the pressure rating of the pipe when used on Ductile Iron (DI), Cast Iron (CI) and PVC AWWA C900 and ASTM D2241 & D1785 IPS pipes. Mechanical restraint gland and ring shall be manufactured to meet or exceed the requirements of ASTM F 1674 be FM approved and UL listed. MJ Gland and Gripper Ring are cast ductile iron manufactured to meet or exceed ASTM A536, Grade 65-45-12. MJ Gland must be color coded yellow for field identification. Restraint Gripper Ring is machine sharpened, heat-treated, color-coded black for DI size pipe and color-coded red for IPS size pipe. Gaskets are standard MJ for ductile iron size pipes (DI, CI & PVC) and transition MJ gaskets for IPS size pipes (PVC), with gasket material ANSI/NSF 61 & 372 compliant. Standard MJ Gaskets, T Bolts and Nuts to ANSI/AWWA C111/A21.11. Gap Cap is heavy gauge stainless steel (10" & 12" only).

Mechanical Joint Restraint shall be **ROMAC GRIP RING** or approved equal.

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