

# JCM INDUSTRIES

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## Typical Specification

**JCM Sur-Grip Restrainers for pipe sizes 14" and larger**

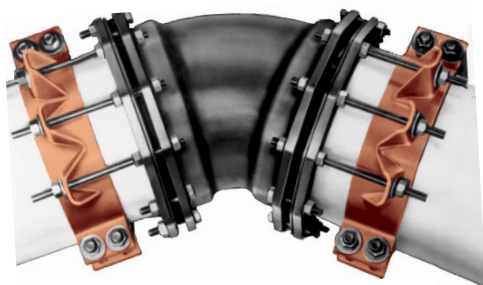
**JCM 610 Fitting Restrainer – to prevent pipe pull out from Mechanical Joint Fittings**

**JCM 621 Sur-Grip Bell Joint Restrainer/HDPE Fused Joint Restrainer**

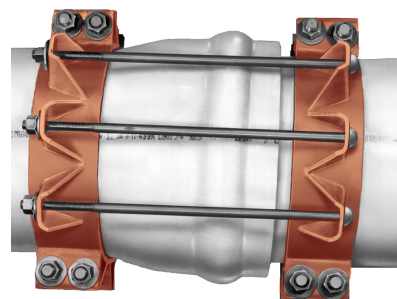
Restrainers for ANSI/AWWA C900 PVC and HDPE pipe 14" and larger shall be provided by mechanical means separate from the mechanical joint gasket sealing gland.

The restrainer shall be a split, two piece configuration with a serrated inside surface and provide a wide supportive contact around the full circumference of the pipe. Restrainer body shall be manufactured from Carbon Steel per ASTM A36, A516 GR 70 or equal and be fusion epoxy coated on all surfaces except the serrations. Width and serrations per inch shall be as listed. The restrainer fasteners shall be per A242/ANSI 21.11/AWWA C111. Restrainers shall have a pressure rating equal to that of PVC and HDPE pipe on which it is used and be capable of withstanding a minimum test pressure of 2 times the pressure rating. Restrainers shall be JCM Industries Sur-Grip or equal.

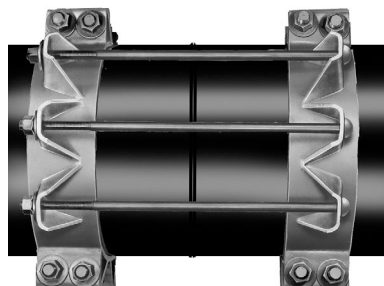
Nominal Size	Restraint Width	Serrations per inch
14", 16", 18"	5	6
20", 24"	7	6
30"	10	6



JCM 610 Fitting Restrainers



JCM 621 Joint Restrainers – C900 PVC



JCM 621 Joint Restrainers – HDPE