

JCM INDUSTRIES

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Typical Specification

JCM 610 Sur Grip Fitting Restrainer

JCM 620 Sur Grip Joint Restrainer

Nominal sizes 4" – 12"

Restraint for 4" - 12" IPS PVC, C900 PVC, C909 PVCO, Ductile Iron Pipe and HDPE shall be provided by mechanical means separate from the mechanical joint gasket sealing gland. The restrainer shall provide wide, supportive contact around the full circumference of the pipe and be equal to the listed widths. Means of restraint shall be machined serrations on the inside surface of the restrainer equal to or greater than the listed serrations per inch and width. Loading of the restrainer shall be by a ductile iron follower that provides even circumferential loading over the entire restrainer. Design shall be such that restraint shall be increased with increases in line pressure.

Serrated restrainer shall be Ductile Iron ASTM A-536-80 with a ductile iron follower; bolts and nuts shall be corrosion resistant, high strength alloy steel.

The restrainers shall have a pressure rating of 350 PSI or equal to that of the PVC, PVCO, HDPE or ductile iron pipe on which it is used, which ever is lesser, 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
4", 6"	1-1/2"	8
8", 10", 12"	1-3/4"	8

