

JCM Sur-Grip Restrainers

JCM SUR-GRIP RESTRAINERS provide an immediate, reliable method of anchoring IPS PVC, C-900 PVC and Ductile Iron pressure pipe, and C-905 PVC pipe, to mechanical joint and push-on fittings, as well as bell to spigot joints. Sur-Grips are designed to provide maximum resistance to surge pressure within a pipe system. The supportive, circumferential pipe contact and large serrated inside surface provides the gripping action to properly restrain the joint, preventing pipe separation.

Sur-Grip Restrainers Material Specifications

JCM 610 and 620 Restrainers

- Serrated Restrainer and Followers:** Ductile Iron ASTM A-536
T-Head Bolts, Oval Neck Bolts and Nuts: Corrosion resistant high strength, alloy steel.
Finish: Standard Shop Coat - Heavy coating of corrosion inhibiting metal primer.



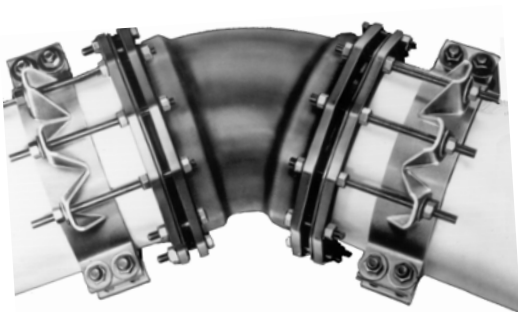
JCM 610 Fitting Restrainer
Patent Pending



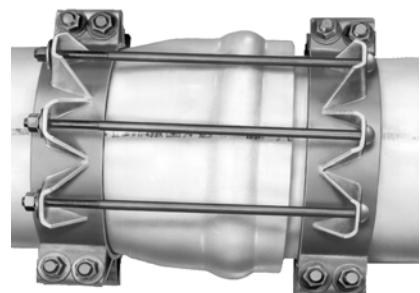
JCM 620 Bell Joint Restrainer
Patent Pending

JCM 610 and 621 Restrainers for use with C-905 PVC Pipe 14" - 30"

- Serrated Restrainer Body:** Pressure Vessel Quality Boiler Plate Steel ASTM-A285 Grade C.
Bolts and Nuts: Corrosion Resistant, high strength low alloy per AWWA C-111, ANSI 21.11.
Optional Stainless Steel, 18-8 Type 304
Finish: Standard Shop Coat - Heavy coating of corrosion inhibiting metal primer.
Optional Fusion applied epoxy coating AWWA C-213.



JCM 610 Fitting Restrainer



JCM 621 Bell Joint Restrainer

JCM 610 Sur-Grip Fitting Restrainer
4" - 12" for use on C-900 PVC and Ductile Iron Pipe
4" - 8" for use on IPS PVC

Anchors IPS PVC, C-900 PVC Pipe and Ductile Iron Pipe to mechanical joint and other type fittings provided with anchor lugs.



PIPE SIZE		CATALOG NUMBER	SERRATED COMPRESSION RING BODY	T-HEAD BOLTS		LIST PRICE EACH	APPR. WT.EA. (LBS.)
NOM.	O. D.		WIDTH	SIZE	QTY		
4	4.50	610-0450	2-1/2"	3/4 X 9-1/2	2	\$ 109.00	12
4	4.80	610-0480	2-1/2"	3/4 X 9-1/2	2	109.00	12
6	6.63	610-0663	2-1/2"	3/4 X 9-1/2	2	118.00	15
6	6.90	610-0690	2-1/2"	3/4 X 9-1/2	2	118.00	15
8	8.63	610-0863	2-3/4"	3/4 X 9-1/2	2	186.00	22
8	9.05	610-0905	2-3/4"	3/4 X 9-1/2	2	186.00	22
10	11.10	610-1110	2-3/4"	3/4 X 9-1/2	4	255.00	31
12	13.20	610-1320	2-3/4"	3/4 X 9-1/2	4	267.00	41

JCM 620 Sur-Grip Bell Joint Restrainer
4" - 12" for use with C-900 PVC and Ductile Iron Pipe
4" - 8" for use on IPS PVC

Anchors IPS PVC, C-900 PVC Pipe and Ductile Iron Pipe over the bell, flexible couplings and other low profile joints.



PIPE SIZE		CATALOG NUMBER	SERRATED COMPRESSION RING BODY	COMPRESSION FOLLOWER RING		BOLTS		LIST PRICE EACH	APPR. WT. EA. (LBS.)
NOM.	O. D.		WIDTH	WIDTH	QTY.	SIZE	QTY		
4	4.50	620-0450	2-1/2"	1-3/8"	2	3/4 X 12	2	\$ 122.00	16
4	4.80	620-0480	2-1/2"	1-3/8"	2	3/4 X 12	2	122.00	16
6	6.63	620-0663	2-1/2"	1-1/2"	2	3/4 X 12	2	144.00	21
6	6.90	620-0690	2-1/2"	1-1/2"	2	3/4 X 12	2	144.00	21
8	8.63	620-0863	2-3/4"	1-3/4"	2	3/4 X 14	2	241.00	32
8	9.05	620-0905	2-3/4"	1-3/4"	2	3/4 X 14	2	241.00	32
10	11.10	620-1110	2-3/4"	1-3/4"	2	3/4 X 18-1/2	4	362.00	49
12	13.20	620-1320	2-3/4"	1-3/4"	2	3/4 X 18-1/2	4	379.00	63

JCM 610 and 620 Sur-Grip Restrainers are rated for 235 PSI on DR-18 PVC Pipe, and are equal to the pipe rating on other classes. JCM 610 and 620 Sur-Grip Restrainers are rated for 350 PSI on Ductile Iron Pipe offering a 2:1 safety factor.



JCM 610 Sur-Grip Restrainer 14" - 30" for use with C-905 PVC Pipe

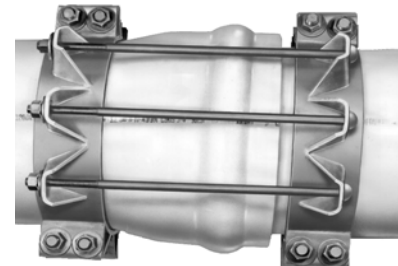
Anchors PVC Pipe to Mechanical Joint and other types of fittings provided with anchor lugs.

PIPE SIZE		CATALOG NUMBER	BODY WIDTH	RESTRAINING RODS		BOLTS		LIST PRICE EACH	APPR. WT. EA. (LBS.)
NOM.	O. D.			SIZE	QTY.	SIZE	QTY.		
14	15.30	610-1530	5"	3/4 X 14	6	1 X 9	4	\$ 445.00	60
16	17.40	610-1740	5"	3/4 X 14	6	1 X 9	4	488.00	63
18	19.50	610-1950	5"	3/4 X 14	8	1 X 9	4	532.00	73
20	21.60	610-2160	7"	3/4 X 16	8	1 X 9	6	769.00	120
24	25.80	610-2580	7"	3/4 X 16	12	1 X 9	6	927.00	150
30	32.00	610-3200	10"	1 X 18	14	1 X 9	8	P. O. A.	330

JCM 611 Sur-Grip PVC Fitting Restrainer 14" - 30" for use with C-905 PVC Fittings and Pipe

Anchors Long Bell PVC Gasketed Fittings to C-905 PVC Pipe. JCM 611 PVC Fitting Restrainers are Priced on Application. For price and availability, provide the O.D., manufacturer and SDR of the PVC fitting.

PIPE SIZE	BASE CATALOG NUMBER	-	PROVIDE O.D. OF PVC FITTING	PRICE EACH
14	611-1530	-	x x x x	P. O. A.
16	611-1740	-	x x x x	P. O. A.
18	611-1950	-	x x x x	P. O. A.
20	611-2160	-	x x x x	P. O. A.
24	611-2580	-	x x x x	P. O. A.
30	611-3200	-	x x x x	P. O. A.



JCM 621 Sur-Grip Bell Joint Restrainer 14" - 30" for use with C-905 PVC Pipe

Anchors over the bell-spigot connection, the JCM 621 prevents joint separation on pressure pipe.

PIPE SIZE		CATALOG NUMBER	BODY WIDTH	RESTRAINING RODS		BOLTS.		LIST PRICE EACH	APPR. WT. EA. (LBS.)
NOM.	O. D.			SIZE	QTY.	SIZE	QTY.		
14	15.30	621-1530	5"	3/4 X 26	6	1 X 9	8	\$ 800.00	113
16	17.40	621-1740	5"	3/4 X 26	6	1 X 9	8	902.00	120
18	19.50	621-1950	5"	3/4 X 26	8	1 X 9	8	981.00	137
20	21.60	621-2160	7"	3/4 X 32	8	1 X 9	12	1,402.00	230
24	25.80	621-2580	7"	3/4 X 32	12	1 X 9	12	1,791.00	280
30	32.00	621-3200	10"	1 X 36	14	1 X 9	16	P. O. A.	660

JCM 610, 611 and 621 Sur-Grip Restrainers sizes 14" - 30" are available for HDPE. For quotation, contact JCM Inside Sales Team. JCM 610, 611 and 621 Sur-Grip Restrainers sizes 14" - 30" are not for use on ductile iron, cast iron, asbestos cement, steel or any other rigid types of pipe. For application recommendations, contact JCM Inside Sales Team at 1-800-527-8482 or 903-832-2581.