



Cam-Lock™

For PVC Pipe

COLOR CODED RED FOR PVC PIPE

Patents US 7484775, US 7748100, CA 2511782

120

UL Listed in AWWA C900 Class
150 DR18 PVC pressure pipe
4"-12".



Description:

Cam-Locks are mechanical joint gland with multiple and independent single-tooth cam-action wedges designed to restrain a fitting on a piece of pipe .

Application:

Restraining pipe ends on mechanical joint fittings.

Key Features:

- Fewer wedges for time saving installations
- Lower torque requirement to fully actuate bolts
- Multi-Seal MJ Gasket available in 4"-12." Fits IPS or DI size pipe.
- Corrosion resistant
- Secondary hex shank for easy removal and re-installation
- The 120 Cam-Locks have been tested without failure according to ASTM F 1674-05 on sizes 4"-12" DR 18 PC 150 pipe, conforming to the requirements of AWWA C900

Materials Specifications (subject to change):

GLAND: 65-45-12 Ductile Iron (ASTM A536)

WEDGES: Single Tooth Ductile Iron

ACTUATING BOLTS: 60-40-18 Ductile Iron (ASTM A536)

BREAKAWAY NUTS: Carbon Steel

FINISH: Gland is Flexi-Coat® Epoxy per AWWA C213. Wedges and Actuating Bolts are E-coated Epoxy

Kit Specifications:

Gasket: Standard Mechanical Joint per ANSI/AWWA C111/A21.11 SBR, Multi-Seal Gasket, or MJ transition gasket for Steel/IPS ODs

T-Bolts: High strength, low alloy. **Optional: 304 Stainless Steel, fluoropolymer coated.**

Pipe Applications: PVC

Sizes (In Inches): 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36

Pressure Ratings: Rated at the pressure rating of PVC pipe it is used on.

Deflection: 3° on 3", 5° on 4"-12", 2° on 14"-16", 1 ½° on 18"-24", 1° on 30"-48"



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For MJ Fittings on PVC Pipe—with a kit—boxed

NOMINAL SIZE INCHES	PIPE O.D. INCHES	NO. OF WEDGES	WITH D.I. GASKET, NUTS, AND BOLTS		PIPE O.D. INCHES	WITH IPS GASKET, NUTS AND BOLTS	
			CATALOG NUMBER BOXED	WT. EACH LBS.		CATALOG NUMBER BOXED	WT. EACH LBS.
3	-	2	-	-	3.5	120-03500000-001	11
4	4.8	2	120-04800000-000	12.2	4.5	120-04800000-001	12.2
6	6.9	3	120-06900000-000	18.3	6.63	120-06900000-001	18.3
8	9.05	3	120-09050000-000	20.8	8.63	120-09050000-001	20.8
10	11.1	6	120-11100000-000	33.4	10.75	120-11100000-001	33.4
12	13.2	8	120-13200000-000	42	12.75	120-13200000-001	42
14*	15.3	10	120-15300000-000	55.4			
16*	17.4	12	120-17400000-000	68.4			
18*	19.5	12	120-19500000-000	74.8			
20*	21.6	14	120-21600000-000	86.9			
24*	25.8	16	120-25800000-000	109.8			
30*	32	20	120-32000000-000	291			
36*	38.3	24	120-38300000-000	370.1			

*Note: 14"-36" only gaskets and hardware are boxed.

For MJ Fittings on PVC Pipe—without a kit

NOMINAL SIZE INCHES	PIPE O.D. INCHES	NO. OF WEDGES	WITHOUT GASKET, NUTS AND BOLTS	
			CATALOG NUMBER UN-BOXED	WT. EACH LBS.
3	3.50	2	120-03500001-900	7.00
4	4.50-4.80	2	120-04800001-900	8.30
6	6.63-6.90	3	120-06900001-900	12.40
9	8.63-9.05	3	120-09050001-900	14.90
10	10.75-11.10	6	120-11100001-900	25.70
12	12.75-13.20	8	120-13200001-900	34.10
14	15.30	10	120-15300001-900	45.10
16	17.40	12	120-17400001-900	56.20
18	19.50	12	120-19500001-900	62.40
20	21.60	14	120-21600001-900	72.90
24	25.80	16	120-25800001-900	93.20

For MJ Fittings on PVC Pipe—without a kit—boxed

NOMINAL SIZE INCHES	PIPE O.D. INCHES	NO. OF WEDGES	WITHOUT GASKET, NUTS, AND BOLTS	
			CATALOG NUMBER BOXED	WT. EACH LBS.
3	3.50	2	120-03500001-000	7.00
4	4.50-4.80	2	120-04800001-000	8.30
6	6.63-6.90	3	120-06900001-000	12.40
8	8.63-9.05	3	120-09050001-000	14.90
10	10.75-11.10	6	120-11100001-000	25.70
12	12.75-13.20	8	120-13200001-000	34.10

Suitable Cam-Lock applications for PVC are limited to SDR 26 or heavier wall pipe, as defined by ASTM D224.

Skid Quantity and Weight

NOMINAL SIZE INCHES	SKID QUANTITY	APPROXIMATE WEIGHT
4	240	1650
6	144	1760
8	108	1778
10	72	1333
12	48	1650
14	48	2231
16	36	2089
18	24	1564
20	24	1936
24	12	1184
30	1	300
36	1	385

Applies to both boxed and un-boxed Cam-Lock Joint Restraints