

244 Full Circle® Redi-Clamp®

Meets D.O.T. Title 49 Sect. 192

Please Note: The amount of pressure that a Full Circle® Redi-Clamp® will contain is proportionate to the diameter of the clamp, and the amount of torque applied to the bolts. Small diameter clamps will have a higher pressure rating than their larger counterparts (regardless of manufacturer). On any given installation, the pressure capability of a clamp is influenced by the type and extent of the extent of the damage, service conditions, environmental conditions and installation workmanship.

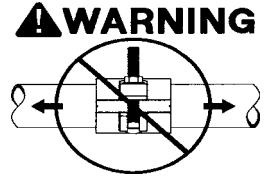
**Maximum Working Pressure
for Gas Service**
.84" O.D. thru 2.38" O.D. 100 psig
**For steel pipe only. Not for use on
full breaks**

*Suitable anchorage must be provided
when excessive pipe movement could
cause the pipe to move out of the clamp.*

Unique Lug Design Provides
Uniform Compression



Equalized Pressure
Around the Pipe



WARNING
This product does not restrain
axial pipe movement

NOTE: May be used for water and gas applications except for gas plastic pipe repair. Suitable for restoring shape and marking crimped polyethylene gas service lines.



245 Redi-Clamp®

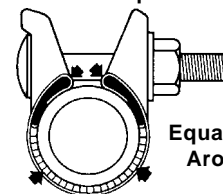


245 Material Specifications

BANDS: Stainless Steel Type 304.
LUGS: Malleable iron per ASTM A47 Grade 32510 or ductile iron per ASTM 536.
GASKET: Nitrile(Buna N)-Compounded to produce superior storage and performance characteristics while resisting acids, alkalis, most (aliphatic) hydrocarbons and many other chemicals. Nominal Temperatures -20° +180°F.
BOLTS & NUTS: Carbon Steel ASTM A307 electro-galvanized with di-chromate seal. Optional--304 stainless steel. Teflon coated nuts to prevent galling.
FINISH: Lugs are corrosion protected epoxy coating.

Material specifications are subject to change.

Unique Lug Design Provides
Uniform Compression



Equalized Pressure
Around the Pipe

**Maximum Working Pressure
for Gas Service**
.84" O.D. thru 4.50" O.D. 100 psig
4.80" O.D. thru 8.63" O.D. 60 psig
10.00" O.D. thru 12.75" O.D. 35 psig

*Suitable anchorage must be provided when excessive pipe
movement could cause the pipe to move out of the clamp.*

Smith-Blair® 245 Redi-Clamps® provide a fast, economical means of repair for pin holes, punctures or splits in pipes. They are precisely engineered to balanced design and accurately manufactured to produce a clamp with high performance characteristics.

The gaskets have finely gridded surfaces that will conform to irregularities on the pipe surface and provide a superior sealing ability on rough or pitted areas. (Smooth available upon request.)

The band is stainless steel, selected to meet the exacting requirements of corrosion resistance, flexibility and strength.

The lugs are precision cast with a contoured surface to equalize clamping pressure around the pipe. The lug design includes a drop-in bolt feature that eliminates loose parts, saves time and aids installation under adverse conditions.

Carbon steel bolts are electro-galvanized with di-chromate seal to resist corrosion and have a generous shoulder that insures a positive fit in the open slot to secure against turning during maximum tightening.

Please Note: The amount of pressure that a Redi-Clamp® will contain is proportionate to the diameter of the clamp, and the amount of torque applied to the bolts. Small diameter clamps will have a higher pressure rating than their larger counterparts (regardless of manufacturer). On any given installation, the pressure capability of a clamp is influenced by the type and extent of the extent of the damage, service conditions, environmental conditions and installation workmanship.

245 Redi-Clamp[®] for Gas Service

U.S.			Catalog Number			Metric		
Nominal Pipe Size and Pipe O.D. Inches	Width Inches	Wt. Ea. Lbs.	1/8" Lug to Lug Gasket	1/4" Lug to Lug Gasket	Qty. Per Ctn.	Nominal Pipe Size and Pipe O.D. MM	Width MM	Wt. Each Kg.
1/2" .840	3	.6	245-008403-000	245-008403-400	24	15	76	.3
	6	1.3	245-008406-000	245-008406-400	12	21.3	152	.6
3/4" 1.050	3	.7	245-010503-000	245-010503-400	12	20	76	.3
	6	1.4	245-010506-000	245-010506-400	9	26.7	152	.6
1" 1.315	3	.7	245-013203-000	245-013203-400	12	25	76	.3
	6	1.5	245-013206-000	245-013206-400	9	33.4	152	.7
1 1/4" 1.660	3	.8	245-016603-000	245-016603-400	12	32	76	.4
	6	1.6	245-016606-000	245-016606-400	6	42.2	152	.7
1 1/2" 1.900	3	.9	245-019003-000	245-019003-400	12	40	76	.4
	6	1.9	245-019006-000	245-019006-400	6	48.3	152	.9
2" 2.000	3	.9	245-020003-000	245-020003-400	8	50	76	.4
	6	1.9	245-020006-000	245-020006-400	4	50.8	152	.9
2" 2.375	3	1.0	245-023803-000	245-023803-400	8	50	76	.5
	6	2.0	245-023806-000	245-023806-400	4		152	.9
	9	3.0	245-023809-000	245-023809-400	4		229	1.4
	12	4.0	245-023812-000	245-023812-400	1		305	1.8
2 1/2" 2.875	3	1.0	245-028803-100	245-028803-800	8	65	76	.5
	6	2.1	245-028806-100	245-028806-800	3		152	1.0
	9	3.1	245-028809-100	245-028809-800	1		229	1.4
	12	4.1	245-028812-100	245-028812-800	1		305	1.9
3" 3.000	3	1.2	245-030003-100	245-030003-800	6	80	76	.5
	6	2.5	245-030006-100	245-030006-800	3		152	1.1
	9	3.7	245-030009-100	245-030009-800	1		229	1.7
	12	5.0	245-030012-100	245-030012-800	1		305	2.3
3" 3.500	3	1.3	245-035003-100	245-035003-800	6	80	76	.6
	6	2.6	245-035006-100	245-035006-800	4		152	1.2
	9	3.95	245-035009-100	245-035009-800	1		229	1.8
	12	5.2	245-035012-100	245-035012-800	1		305	2.4
3 1/2"-4" 4.000	3	1.3	245-040003-100	245-040003-800	4	90-100	76	.6
	6	2.7	245-040006-100	245-040006-800	4		152	1.2
	9	4.0	245-040009-100	245-040009-800	1		229	1.8
	12	5.4	245-040012-100	245-040012-800	1		305	2.4
4" 4.250	3	1.4	245-042503-100	245-042503-800	4	100	76	.6
	6	2.8	245-042506-100	245-042506-800	3		108	1.3
4" 4.500	3	1.4	245-045003-100	245-045003-800	4	100	76	.6
	6	2.8	245-045006-100	245-045006-800	3		152	1.3
	9	4.2	245-045009-100	245-045009-800	1		229	1.9
	12	5.6	245-045012-100	245-045012-800	1		305	2.5
5" 5.000	3	1.5	245-050003-100	245-050003-800	6	125	76	.7
	6	3.0	245-050006-100	245-050006-800	3		152	1.4
	9	4.5	245-050009-100	245-050009-800	1		229	2.0
	12	6.0	245-050012-100	245-050012-800	1		305	2.7
5" 5.563	3	1.6	245-055603-100	245-055603-800	6	125	76	.7
	6	3.2	245-055606-100	245-055606-800	3		152	1.5
	9	4.8	245-055609-100	245-055609-800	1		229	2.2
	12	6.4	245-055612-100	245-055612-800	1		305	2.9
6" 6.000	3	1.8	245-060003-100	245-060003-800	6	150	76	.8
	6	3.6	245-060006-100	245-060006-800	3		152	1.6
	9	5.4	245-060009-100	245-060009-800	1		229	2.5
	12	7.2	245-060012-100	245-060012-800	1		305	3.3
6" 6.250	3	1.8	245-062503-100	245-062503-800	6	150 159	76	.8

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U.S.			Catalog Number			Metric		
Nominal Pipe Size and Pipe O.D. Inches	Width Inches	Wt. Ea. Lbs.	1/8" Lug to Lug Gasket	1/4" Lug to Lug Gasket	Qty. Per Ctn.	Nominal Pipe Size and Pipe O.D. M M	Width M M	Wt. Each Kg.
6" 6.625	3	1.8	245-066303-000	245-066303-800	6	150 168	76	.8
	6	3.7	245-066306-000	245-066306-800	3		152	1.7
	9	5.5	245-066309-000	245-066309-800	1		229	2.5
	12	7.4	245-066312-000	245-066312-800	1		305	3.4
8" 8.000	3	2.1	245-080003-000	245-080003-800	4	200 203	76	1.0
	6	4.2	245-080006-000	245-080006-800	2		152	1.9
	9	6.3	245-080009-000	245-080009-800	1		229	2.9
	12	8.4	245-080012-000	245-080012-800	1		305	3.8
8" 8.625	3	2.2	245-086303-000	245-086303-800	4	200 219	76	1.0
	6	4.4	245-086306-000	245-086306-800	2		152	2.0
	9	6.6	245-086309-000	245-086309-800	2		229	3.0
	12	8.8	245-086312-000	245-086312-800	2		305	4.0
*10" 10.00	3	2.5	245-100003-000	245-100003-800	4	250 254	76	1.1
	6	5.0	245-100006-000	245-100006-800	2		152	2.3
	9	7.5	245-100009-000	245-100009-800	2		229	3.4
	12	10.0	245-100012-000	245-100012-800	2		305	4.5
*10" 10.75	3	2.8	245-107503-000	245-107503-800	4	250 273	76	1.3
	6	5.6	245-107506-000	245-107506-800	2		152	2.5
	9	8.4	245-107509-000	245-107509-800	2		229	3.8
	12	11.2	245-107512-000	245-107512-800	2		305	5.1
*12" 12.00	3	2.9	245-120003-000	245-120003-800	4	300 305	76	1.3
	6	5.8	245-120006-000	245-120006-800	2		152	2.6
	9	8.7	245-120009-000	245-120009-800	2		229	3.9
	12	11.6	245-120012-000	245-120012-800	2		305	5.3
*12" 12.75	3	3.0	245-127503-000	245-127503-800	4	300 324	76	1.4
	6	6.0	245-127506-000	245-127506-800	2		152	2.7
	9	9.0	245-127509-000	245-127509-800	2		229	4.1
	12	12.0	245-127512-000	245-127512-800	2		305	5.4

*2 piece design

Larger sizes available upon request.