



# 247 Full Circle Redi-Clamp®

For Gas Service



Smith-Blair's 247 Full Circle Redi-Clamp provides a fast, economical means of repairing pin holes, punctures or splits in rigid pipe. Innovative design, extensive testing and state-of-the-art manufacturing techniques are used to produce the 247 with high performance characteristics.

The 247's gasket is a full circumferential gasket with two bonded and recessed armor plates that allow the clamp to perform similar to a Full Circle Clamp, sealing 360-degrees around the pipe.

The clamp's band is stainless steel to provide corrosion resistance, flexibility and strength. The lugs are precision cast stainless steel with a contoured surface to equalize clamping pressures around the pipe. The lug design includes a drop-in bolt feature that eliminates loose parts, saves time and aids installation under adverse conditions.

The stainless steel bolts resist corrosion and have a generous shoulder ensuring a positive fit in the open slot to secure against turning during maximum tightening.

**NOTE:** Smith-Blair's 247 Full Circle Redi-Clamp may be used for most water and gas applications with the exception of gas plastic pipe repair. It is suitable for restoring shape and marking crimped polyethylene gas service lines.

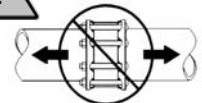
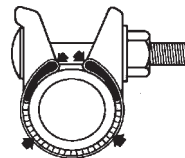
Meets D.O.T. Title 49 Sect. 192

## Material Specifications

- BANDS:** Stainless Steel Type 304
- LUGS:** ASTM A743 GRFC8 Stainless Steel (304 equivalent)
- GASKET:** Nitrile (Buna N)-Compounded to resist oil, natural gas, acids, alkalis, most (aliphatic) hydrocarbon fluids, water and many chemicals (contact Smith-Blair® engineers on applications involving chemicals).  
Temperatures -20°F to +180°F.
- NUTS & BOLTS:** 304 stainless steel with Fluoropolymer coated nuts to prevent galling.
- PRESSURE RATING:** Maximum working pressure for gas service: 100 PSIG<sup>Ⓜ</sup> (see footnote)  
For steel pipe only. Not for use on full breaks.

Material Specifications are subject to change.

Unique Lug Design Provides Uniform Compression



This product does not restrain axial pipe movement

Standard				Catalog Number	Qty. Per Ctn.	Metric			
Nominal Pipe Size Inches	O.D. Inches	Width Inches	Wt. Each Lbs.			Nominal Pipe Size MM	O.D. MM	Width MM	Wt. Each Kg.
1/2"	0.63	3	.70	247-00006303-000	6	15	16.00	76	0.32
		6	1.40	247-00006306-000	6			152	0.64
1/2"	0.84	3	.80	247-00008403-000	6	15	21.30	76	0.36
		6	1.60	247-00008406-000	6			152	0.73
3/4"	0.88	3	.80	247-00008803-000	6	20	22.35	76	0.36
		6	1.60	247-00008806-000	6			152	0.73
3/4"	1.05	3	.85	247-00010503-000	6	20	26.70	76	0.39
		6	1.70	247-00010506-000	6			152	0.77
1"	1.13	3	.87	247-00011303-000	6	25	28.70	76	0.39
		6	1.70	247-00011306-000	6			152	0.77
1"	1.32	3	.90	247-00013203-000	6	25	33.53	76	0.41
		6	1.70	247-00013206-000	6			152	0.82
1 1/4"	1.38	3	.90	247-00013803-000	6	32	35.05	76	0.41
		6	1.80	247-00013806-000	6			152	0.82
1 1/4"	1.66	3	.95	247-00016603-000	6	32	42.20	76	0.43
		6	1.95	247-00016606-000	6			152	0.88
1 1/2"	1.63	3	.95	247-00016303-000	6	40	41.40	76	0.43
		6	1.95	247-00016306-000	6			152	0.88
1 1/2"	1.90	3	1.00	247-00019003-000	6	40	48.30	76	0.45
		6	2.00	247-00019006-000	6			152	0.91
2"	2.13	3	1.30	247-00021303-000	6	50	54.10	76	0.59
		6	2.60	247-00021306-000	6			152	1.18
2"	2.38	3	1.60	247-00023803-000	4	50	60.45	76	0.73
		6	3.20	247-00023806-000	4			152	1.45

<sup>Ⓜ</sup>The allowable working pressure of a pipe repair clamp decreases as pipe diameter increases (regardless of manufacturer). For a particular installation, the allowable working pressure will be determined by the size of pipe, type of pipe, type of clamp, type and extent of damage, service, conditions, environmental conditions and installation workmanship.