

Strong Back RC Series Repair Couplings

Designed for **resistance to heavy earth loads and shear forces**, and provides improved pipe alignment.

Strong Back RC Couplings offer a .012" stainless steel shield and a molded in bushing.



TECHNICAL SPECS & CODE APPROVALS

Gasket

- Manufactured to meet the material requirements of:
 - CSA B602 - mechanical couplings for drain, waste, vent pipe and sewer pipe
 - ASTM D 5926 - Standard Specification for Poly Vinyl Chloride (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems
 - ASTM C 1173 - Standard Specification for Flexible Transition Couplings for Underground Piping Systems
- Hardness, Shore "A", Inst. +5.....65
- Tensile Strength, Min. psi1000
- Elongation at Rupture, Min. %.....250
- Tear Strength, Min.....150 lb/in.
- Brittleness Temperature.....-40°F

Clamps

- Manufactured to the requirements of CSA B602
- Clamp Housing- 301 Stainless Steel
- Clamp Band - 301 Stainless Steel
- Clamp Screw - 305 Stainless Steel
- Installation torque 60" lbs

Shear Ring

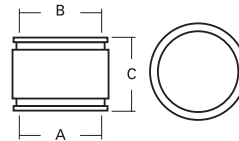
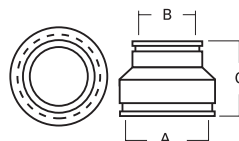
- .012" Thick, 300 Series Stainless Steel
- Width manufactured according to coupling width (1.50", 2.13", or 4")
- Length manufactured according to coupling diameter
- Clamps spot welded in place

Coupling

- Manufactured to conform to the performance requirements of:
 - ASTM C 1173 - standard specification for flexible transition couplings for underground piping systems
 - CSA B602 - mechanical couplings for drain, waste, vent pipe and sewer pipe



This product can be custom ordered for ANY common sewer pipe size and material combination.



Strong Back Couplings - RC Series Repair Couplings



1001 RC Series - Clay to Clay

Part No.	A		B		C	
	in.	mm	in.	mm	in.	mm
1001-44RC	5.29	134.37	5.29	134.37	4.10	104.14
1001-44WCRC	5.51	139.95	5.51	139.95	3.97	100.84
1001-64RC*	7.50	190.5	5.50	139.70	6.02	152.91
1001-66RC	7.50	190.5	7.50	190.50	6.02	152.91
1001-66WCRC	7.87	199.90	7.87	199.90	5.925	150.50
1001-88RC	9.65	245.11	9.65	245.11	5.99	152.15
1001-88WCRC	10	254.00	10	254.00	5.945	151.00
1001-1010RC	12.40	314.96	12.40	314.96	5.90	149.86
1001-1010WCRC	12.40	314.96	12.40	314.96	5.90	149.86
1001-1212RC	14.51	368.55	14.51	368.55	6.38	162.05
1001-1212WCRC	15.25	387.35	15.25	387.35	6.42	163.07
1001-1515RC	18.14	460.76	18.14	460.76	9.89	251.21
1001-1818RC	21.90	556.26	21.90	556.26	9.63	244.60
1001-2424RC	28.97	735.84	28.97	735.84	9.89	251.21



1002 RC Series - Clay to Cast Iron or Plastic

Part No.	A		B		C	
	in.	mm	in.	mm	in.	mm
1002-43RC*	5.29	134.37	3.38	85.85	4.10	104.14
1002-44RC	5.36	136.14	4.40	111.76	4.07	103.38
1002-44WCRC	5.44	138.18	4.55	115.57	3.96	100.58
1002-46RC*	6.60	167.64	5.13	130.18	5.74	145.80
1002-55RC*	6.60	167.64	5.50	139.70	5.74	145.80
1002-64RC*	7.50	190.5	4.50	114.30	6.02	152.91
1002-64WCRC	7.84	199.14	4.5	114.30	5.955	151.26
1002-64WCRC-SDR	7.84	199.14	4.38	111.25	5.955	151.26
1002-66RC	7.50	190.5	6.56	166.65	5.89	149.68
1002-66WCRC	7.84	199.14	6.52	165.61	5.955	151.26
1002-86RC*	9.65	245.11	6.63	168.40	5.99	152.15
1002-88RC	9.76	247.95	8.57	217.63	5.96	151.38
1002-88WCRC	10	254.00	8.49	215.65	5.92	150.37
1002-10-8RC*	12.40	314.96	8.50	215.90	5.90	149.86
1002-1010RC*	12.40	314.96	10.60	269.24	5.90	149.86
1002-1010WCRC	12.40	314.96	10.60	269.24	5.90	149.86
1002-1210RC*	14.51	368.55	12.60	320.04	6.38	162.05
1002-1212RC*	14.51	368.55	12.60	320.04	6.38	162.05
1002-1212WCRC	15.25	387.35	12.6	320.04	6.42	163.07
1002-1215RC*	15.25	387.35	14.38	365.25	6.42	163.07
1002-1515RC*	18.14	461.76	15.40	391.16	9.89	251.27
1002-1818RC*	21.90	556.26	19.00	482.60	9.63	244.60
1002-2121RC*	25.46	646.68	22.30	566.42	9.89	251.21
1002-2424RC*	28.97	735.84	25.00	635.00	9.89	251.21



1003 RC Series - Clay to Asbestos Cement Fibre (AC) or Ductile Iron

Part No.	A		B		C	
	in.	mm	in.	mm	in.	mm
1003-44RC	5.41	137.41	4.94	125.48	4.07	103.38
1003-66RC	7.25	184.15	6.84	173.74	5.93	150.62
1003-66WCRC	7.87	199.90	6.8	172.72	5.925	150.50
1003-68RC*	9.05	229.87	7.20	182.88	5.98	151.89
1003-8-10RC*	11.22	284.99	9.65	245.11	5.97	151.51
1003-88RC	9.75	247.65	9.06	230.12	5.94	150.88
1003-1010RC*	12.40	314.96	11.12	282.45	5.90	149.86
1003-1212RC*	14.51	368.55	13.20	335.28	6.38	162.05
1003-1818RC*	21.90	556.26	19.50	495.30	9.63	244.63



1004 RC Series - Concrete to Concrete

Part No.	A		B		C	
	in.	mm	in.	mm	in.	mm
1004-44RC	5.51	139.95	5.51	139.95	3.97	100.84
1004-66RC	7.58	192.53	7.58	192.53	5.94	150.88
1004-88RC	10.38	263.65	10.38	263.65	5.90	149.86
1004-1010RC	12.40	314.96	12.40	314.96	5.90	149.86
1004-1212RC	15.25	387.35	15.25	387.35	6.42	163.07
1004-1515RC	19.74	501.40	19.74	501.40	9.89	251.21



1006 RC Series - Concrete to Cast Iron or Plastic

Part No.	A		B		C	
	in.	mm	in.	mm	in.	mm
1006-44RC*	5.51	139.95	4.50	114.3	3.97	100.84
1006-64RC*	7.58	192.53	4.38	111.25	5.94	150.88
1006-66RC*	7.58	192.53	6.63	168.28	5.94	150.88
1006-86RC*	10.38	263.65	6.38	162.05	5.90	149.86
1006-88RC*	10.38	263.65	8.50	215.90	5.90	149.86
1006-10-8RC*	12.4	314.96	8.38	212.85	5.9	149.86
1006-1010RC*	12.40	314.96	10.60	269.24	5.90	149.86
1006-1210RC*	15.25	387.35	10.6	269.24	6.42	163.07
1006-1212RC*	15.25	387.35	12.60	320.04	6.42	163.07
1006-1515RC*	19.74	501.40	15.40	391.16	9.89	251.28

**MORE Strongback RC Series
Repair Couplings on next page...**

*Designated part numbers come with an insert bushing.

Strong Back Couplings - RC Series Repair Couplings



1051 RC Series -

Asbestos Cement Fibre (AC) or Ductile Iron to Cast Iron or Plastic

Part No.	A		B		C	
	in.	mm	in.	mm	in.	mm
1051-44RC	4.80	121.92	4.39	111.51	3.94	100.08
1051-45RC*	5.52	140.21	5.00	127.00	3.97	100.84
1051-46RC*	6.60	167.64	5.00	127.00	5.74	145.80
1051-55RC*	5.90	149.86	5.50	139.70	5.92	150.37
1051-64RC*	6.95	176.53	4.38	111.25	5.92	150.37
1051-65RC*	6.95	176.53	5.50	139.70	5.92	150.37
1051-66RC	6.96	176.78	6.60	167.64	5.91	150.11
1051-86RC*	9.05	229.87	6.38	162.05	5.89	149.61
1051-8-10RC*	10.63	270.00	9.05	229.87	5.89	149.61
1051-88RC	9.25	234.95	8.51	216.15	5.97	151.51
1051-10-8RC*	11.22	284.99	8.38	212.85	5.97	151.51
1051-1210RC*	13.30	337.82	10.60	269.24	5.97	151.51
1051-1212RC*	13.37	339.60	12.60	320.04	5.97	151.51
1051-1818RC	19.74	501.27	19.74	501.40	9.89	251.28



1056 RC Series -

CI, PL, Copper, ST or Lead to CI, PL, Copper, ST or Lead

Part No.	A		B		C	
	in.	mm	in.	mm	in.	mm
1056-150RC	1.94	49.28	1.94	49.28	3.43	87.12
1056-22RC	2.41	61.21	2.41	61.21	3.45	87.63
1056-32RC*	3.52	89.41	2.38	60.45	3.96	100.58
1056-33RC	3.46	87.88	3.46	87.88	3.98	101.09
1056-43RC*	4.58	116.33	3.38	85.85	4.02	102.11
1056-44RC	4.58	116.33	4.58	116.33	4.02	102.11
1056-54RC*	5.52	140.21	4.38	111.25	3.97	100.84
1056-55RC	5.52	140.21	5.52	140.21	3.97	100.84
1056-64RC*	6.60	167.64	4.50	114.30	5.74	145.80
1056-65RC*	6.60	167.64	5.62	142.75	5.74	145.80
1056-66RC	6.60	167.64	6.60	167.64	5.74	145.80
1056-86RC*	8.64	219.46	6.38	162.05	6.04	153.42
1056-88RC	8.64	219.46	8.64	219.46	6.04	153.42
1056-1010RC	10.63	270.00	10.63	270.00	5.89	149.61
1056-1212RC	12.52	318.01	12.52	318.01	6.32	160.53
1056-1515RC	15.92	404.37	15.92	404.37	9.89	251.21
1056-1818RC	19.10	485.14	19.10	485.14	9.89	251.21



1055 RC Series -

AC or Ductile Iron to AC or Ductile Iron

Part No.	A		B		C	
	in.	mm	in.	mm	in.	mm
1055-44RC	4.75	120.65	4.75	120.65	3.96	100.58
1055-66RC	6.65	168.91	6.65	168.91	5.92	150.37
1055-88RC	9.05	229.87	9.05	229.87	5.98	151.89
1055-1010RC	11.22	284.99	11.22	284.99	5.97	151.51
1055-1212RC	13.37	339.60	13.37	339.60	5.97	151.64



This product can be custom ordered for ANY common sewer pipe size and material combination.

*Designated part numbers come with an insert bushing.