

Strong Back RC Series Repair Couplings

The Ultimate RC - Engineered for resistance to heavy earth loads and shear forces, while providing improved pipe alignment.



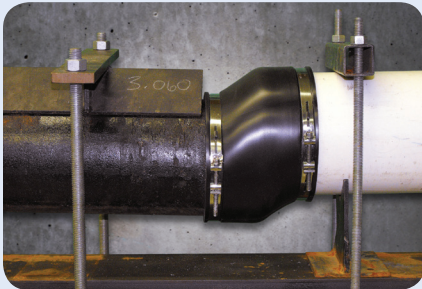
300 S.S. Band Clamps



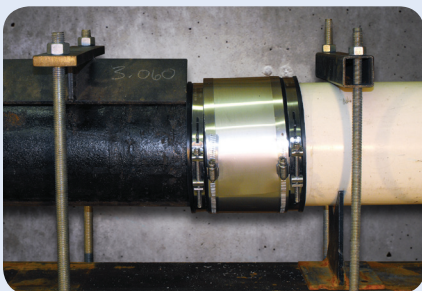
.012" (12mil) Stainless Steel Shield



One Piece Molded-in Bushing Gaskets



Shear Resistance Test using an unshielded sewer coupling per ASTM C 1173 (applied load 50 pounds per nominal inch of pipe diameter)



Shear Resistance Test using a Fernco Strong Back RC Repair Coupling per ASTM C 1173 (applied load 50 pounds per nominal inch of pipe diameter)

Ultimate Shear Resistance - .012" (12mil) 300 series stainless steel shear ring is the heaviest the industry offers with excellent resistance to corrosion.

Ultimate Pipe Alignment - Due to the thickness and strength of the Strong Back RC Series shear ring, you are assured consistent pipe alignment against shear forces from soil compaction, shifting and settling, and improper backfill.

Ultimate Sealing Clamps - 300 series stainless steel clamps provide the strongest seal and with excellent corrosion resistance.

Ultimate Sealing Gasket - Designed for same pipe size and material connections as well as differing pipe size and pipe material connections. The Strong Back RC Series gasket has a smooth inside surface providing greater sealing performance than ribbed surfaces. The smooth internal wall of the gasket makes contact 360° over its entire length. This equates to a larger sealing surface and a higher coefficient of friction, providing maximum sealing capabilities as well as preventing slippage under the weight of shear forces. The gaskets have excellent resistance to sewer gas, common household chemicals found in the sewer system, as well as dry rot, fungus growth, ozone and UV. When properly installed Strong Back RC series gaskets will provide decades of problem free service.

Ultimate Transition Connections - When making transition connections of differing pipe sizes or materials, the Strong Back RC Series gasket features a one piece molded-in bushing. **Designated part numbers come with an insert bushing.*

Ultimate Versatility - The Strong Back RC Series offers the ability to connect clay, concrete, asbestos cement fibre, ductile iron, cast iron, steel, plastic and copper.

Meets requirements of:

- **ASTM C 1173** - Standard Specification for Flexible Transition Couplings for Underground Piping Systems
- **ASTM D 5926** - Standard Specification for Poly Vinyl Chloride (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems
- **CSA B602** - mechanical couplings for drain, waste, vent pipe and sewer pipe



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MF0812

1001 RC Series		A		B		C	
Clay to Clay	Fernco Part No.	in.	mm	in.	mm	in.	mm
	1001-44RC	5.29	134	5.29	134	4.10	104
	1001-44WCRC	5.51	140	5.51	140	3.97	101
	1001-64RC*	7.50	191	5.50	140	6.02	153
	1001-66RC	7.50	191	7.50	191	6.02	153
	1001-66WCRC	8.00	203	8.00	203	6.00	152
	1001-88RC	9.65	245	9.65	245	5.99	152
	1001-88WCRC	10.00	254	10.00	254	6.00	152
	1001-1010RC	12.40	315	12.40	315	5.90	150
	1001-1010WCRC	12.40	315	12.40	315	5.90	150
	1001-1212RC	14.51	369	14.51	369	6.38	162
	1001-1212WCRC	15.25	387	15.25	387	6.42	163
	1001-1515RC	18.14	461	18.14	461	9.89	251
	1001-1818RC	21.90	556	21.90	556	9.63	245
	1001-2424RC	28.97	736	28.97	736	9.89	251

1002 RC Series		A		B		C	
Clay to Cast Iron or Plastic	Fernco Part No.	in.	mm	in.	mm	in.	mm
	1002-43RC*	5.29	134	3.38	86	4.10	104
	1002-44RC	5.36	136	4.51	115	4.07	103
	1002-44WCRC	5.44	138	4.55	116	3.96	101
	1002-46RC*	5.13	130	6.60	168	5.74	146
	1002-55RC*	6.60	168	5.50	140	5.74	146
	1002-64RC*	7.50	191	4.50	114	6.02	153
	1002-64WCRC*	8.00	203	4.50	116	6.00	152
	1002-64WCRC-SDR*	8.00	203	4.38	111	6.00	152
	1002-66RC	7.50	191	6.56	167	5.89	150
	1002-66WCRC	8.04	204	6.38	162	5.91	150
	1002-88RC	9.76	248	8.57	218	5.96	151
	1002-88WCRC	10.00	254	8.66	220	6.00	152
	1002-1010RC*	12.40	315	10.75	273	5.90	150
	1002-1010WCRC*	12.40	315	10.75	273	5.90	150
	1002-1210RC*	14.51	369	10.60	269	6.00	152
	1002-1212RC*	14.51	369	12.60	320	6.38	162
	1002-1212WCRC*	15.25	387	12.60	320	6.42	163
	1002-1215RC*	14.38	365	15.25	387	6.42	163
	1002-1515RC*	18.14	461	15.40	391	9.89	251
	1002-1818RC*	21.90	556	19.00	483	9.63	245
	1002-2121RC*	25.46	647	22.30	566	9.89	251
	1002-2424RC*	28.97	736	25.00	635	9.89	251

1003 RC Series		A		B		C	
Clay to Asbestos Cement Fibre (AC) or Ductile Iron	Fernco Part No.	in.	mm	in.	mm	in.	mm
	1003-44RC	5.41	137	4.94	125	4.07	103
	1003-66RC	7.25	184	6.84	174	5.93	151
	1003-66WCRC*	8.00	203	6.80	173	6.00	152
	1003-68RC*	7.20	183	9.05	230	5.98	152
	1003-8-10RC*	9.65	245	11.22	285	5.97	152
	1003-88RC	9.75	248	9.06	230	5.94	151
	1003-1010RC*	12.40	315	11.12	282	5.90	150
	1003-1212RC*	14.51	369	13.20	335	6.38	162
	1003-1818RC*	21.90	556	19.50	495	9.63	245

1004 RC Series		A		B		C	
	Fernco Part No.	in.	mm	in.	mm	in.	mm
	1004-44RC	5.51	140	5.51	140	3.97	101

Concrete to Concrete	1004-66RC	7.58	193	7.58	193	5.94	151
	1004-88RC	10.38	264	10.38	264	5.90	150
	1004-1010RC	12.40	315	12.40	315	5.90	150
	1004-1212RC	15.25	387	15.25	387	6.42	163
	1004-1515RC	19.74	501	19.74	501	9.89	251

1006 RC Series		A		B		C	
Concrete to Cast Iron or Plastic	Fernco Part No.	in.	mm	in.	mm	in.	mm
	1006-44RC*	5.64	143	4.51	115	3.97	101
	1006-64RC*	7.58	193	4.38	111	5.94	151
	1006-66RC*	7.63	194	6.63	168	5.94	151
	1006-86RC*	10.38	264	6.38	162	5.90	150
	1006-88RC*	10.49	266	8.63	219	5.90	150
	1006-1010RC*	12.40	315	10.75	273	5.90	150
	1006-1212RC*	15.25	387	12.60	320	6.42	163
	1006-1515RC*	19.74	501	15.40	391	9.89	251

1051 RC Series		A		B		C	
Asbestos Cement Fibre (AC) or Ductile Iron to Cast Iron or Plastic	Fernco Part No.	in.	mm	in.	mm	in.	mm
	1051-44RC	4.80	122	4.39	112	3.94	100
	1051-45RC*	5.00	127	5.52	140	3.97	101
	1051-46RC*	4.75	121	6.60	168	5.74	146
	1051-55RC*	5.90	150	5.50	140	5.92	150
	1051-64RC*	6.95	177	4.38	111	5.92	150
	1051-65RC*	6.95	177	5.50	140	5.92	150
	1051-66RC	6.69	177	6.69	170	5.91	150
	1051-8-10RC*	9.05	230	10.63	270	5.89	150
	1051-88RC	9.25	235	8.51	216	5.97	152
	1051-10-8RC*	11.02	280	8.38	213	5.97	152
	1051-1212RC*	13.37	340	12.60	320	5.97	152
	1051-1818RC	19.74	501	19.74	501	9.89	251

1055 RC Series		A		B		C	
AC or Ductile Iron to AC or Ductile Iron	Fernco Part No.	in.	mm	in.	mm	in.	mm
	1055-44RC	4.75	121	4.75	121	3.96	101
	1055-66RC	6.65	169	6.65	169	5.92	150
	1055-88RC	9.05	230	9.05	230	5.98	152
	1055-1212RC	13.37	340	13.37	340	5.97	152

1056 RC Series		A		B		C	
Cast Iron, Plastic, Copper, Steel or Lead to Cast Iron, Plastic, Copper, Steel or Lead	Fernco Part No.	in.	mm	in.	mm	in.	mm
	1056-150RC	1.94	49	1.94	49	3.43	87
	1056-22RC	2.41	61	2.41	61	3.45	88
	1056-32RC*	3.52	89	2.38	60	3.96	101
	1056-33RC	3.46	88	3.46	88	3.98	101
	1056-43RC*	4.58	116	3.38	86	4.02	102
	1056-44RC	4.58	116	4.58	116	4.02	102
	1056-54RC*	5.52	140	4.38	111	3.97	101
	1056-55RC	5.52	140	5.52	140	3.97	101
	1056-64RC*	6.60	168	4.50	114	5.74	146
	1056-65RC*	6.60	168	5.62	143	5.74	146
	1056-66RC	6.60	168	6.60	168	5.74	146
	1056-86RC*	8.64	219	6.63	162	6.04	153
	1056-88RC	8.64	219	8.64	219	6.04	153
	1056-1010RC	10.63	270	10.63	270	5.89	150
	1056-1212RC	12.52	318	12.52	318	6.32	161
	1056-1515RC	15.92	404	15.92	404	9.89	251
	1056-1818RC	19.10	485	19.10	485	9.89	251