

RC Series & 5000 Series Repair Couplings

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



5000 Series
316 S.S. Nut and Bolt Clamps



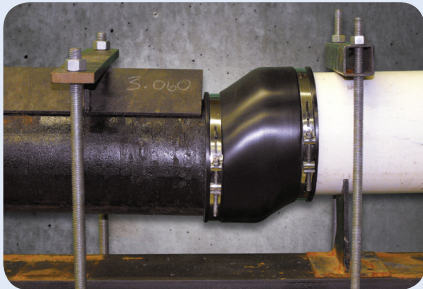
Strong Back RC Series
300 S.S. Band Clamps



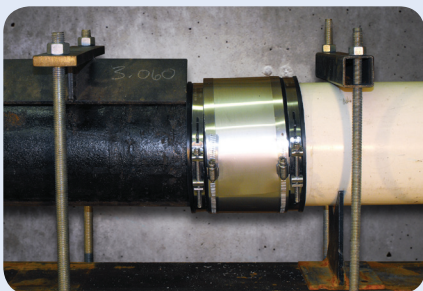
.012" (12mil) Stainless Steel Shield



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 Repair Coupling per ASTM C 1173 (applied load 50 pounds per nominal inch of pipe diameter)

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

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 - Fernco's RC Series Couplings come with 301 series stainless steel worm gear clamps. The 5000 Series Couplings come with 316 series stainless steel nut and bolt clamps. Both offer great corrosion resistance.

Ultimate Sealing Gasket - Designed for same pipe size and material connections as well as differing pipe size and pipe material connections. The 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 - Fernco RC Series & 5000 Series couplings offer the ability to connect clay, concrete, asbestos cement fibre, ductile iron, cast iron, steel, plastic and copper.



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Canada
PH: 519-332-6711
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MF0712

1001 & 5001 RC Series - Clay to Clay

RC SERIES	5000 SERIES	A		B		C	
1001-44RC	5001-44RC	5.29	134	5.29	134	4.10	104
1001-44WCRC	5001-44WCRC	5.51	140	5.51	140	3.97	101
1001-64RC*	5001-64RC	7.50	191	5.50	140	6.02	153
1001-66RC	5001-66RC	7.50	191	7.50	191	6.02	153
1001-66WCRC	5001-66WCRC	8.00	203	8.00	203	6.00	152
1001-88RC	5001-88RC	9.65	245	9.65	245	5.99	152
1001-88WCRC	5001-88WCRC	10.00	254	10.00	254	6.00	152
1001-1010RC	5001-1010RC	12.40	315	12.40	315	5.90	150
1001-1010WCRC	5001-1010WCRC	12.40	315	12.40	315	5.90	150
1001-1212RC	5001-1212RC	14.51	369	14.51	369	6.38	162
1001-1212WCRC	N/A	15.25	387	15.25	387	6.42	163
1001-1515RC	5001-1515RC	18.14	461	18.14	461	9.89	251
1001-1818RC	5001-1818RC	21.90	556	21.90	556	9.63	245
1001-2424RC	N/A	28.97	736	28.97	736	9.89	251

1002 & 5002 RC Series - Clay to Cast Iron or Plastic

RC SERIES	5000 SERIES	A		B		C	
1002-43RC*	5002-44RC	5.29	134	3.38	86	4.10	104
1002-44RC	5002-44WCRC	5.36	136	4.51	115	4.07	103
1002-44WCRC	N/A	5.44	138	4.55	116	3.96	101
1002-46RC*	5002-46RC	5.13	130	6.60	168	5.74	146
1002-55RC*	5002-55RC	6.60	168	5.50	140	5.74	146
1002-64RC*	5002-64RC	7.50	191	4.50	114	6.02	153
1002-64WCRC*	5002-64WCRC	8.00	203	4.50	116	6.00	152
1002-64WCRC-SDR*	5002-66RC	8.00	203	4.38	111	6.00	152
1002-66RC	5002-66WCRC	7.50	191	6.56	167	5.89	150
1002-66WCRC	5002-86RC	8.04	204	6.38	162	5.91	150
1002-88RC	5002-88RC	9.76	248	8.57	218	5.96	151
1002-88WCRC	5002-88WCRC	10.00	254	8.66	220	6.00	152
1002-1010RC*	5002-1010RC	12.40	315	10.75	273	5.90	150
1002-1010WCRC*	5002-1010WCRC	12.40	315	10.75	273	5.90	150
1002-1210RC*	N/A	14.51	369	10.60	269	6.00	152
1002-1212RC*	5002-1212RC	14.51	369	12.60	320	6.38	162
1002-1212WCRC*	N/A	15.25	387	12.60	320	6.42	163
1002-1215RC*	N/A	14.38	365	15.25	387	6.42	163
1002-1515RC*	5002-1515RC	18.14	461	15.40	391	9.89	251
1002-1818RC*	5002-1818RC	21.90	556	19.00	483	9.63	245
1002-2121RC*	N/A	25.46	647	22.30	566	9.89	251
1002-2424RC*	N/A	28.97	736	25.00	635	9.89	251

1003 & 5003 RC Series - Clay to AC or Ductile Iron

RC SERIES	5000 SERIES	A		B		C	
1003-44RC	5003-44RC	5.41	137	4.94	125	4.07	103
1003-66RC	5003-66RC	7.25	184	6.84	174	5.93	151
1003-66WCRC*	N/A	8.00	203	6.80	173	6.00	152
1003-68RC*	N/A	7.20	183	9.05	230	5.98	152
1003-8-10RC*	N/A	9.65	245	11.22	285	5.97	152
1003-88RC	5003-88RC	9.75	248	9.06	230	5.94	151
1003-1010RC*	N/A	12.40	315	11.12	282	5.90	150
1003-1212RC*	5003-1212RC	14.51	369	13.20	335	6.38	162
N/A	5003-1516RC	18.10	460	18.10	460	9.89	251
1003-1818RC*	N/A	21.90	556	19.50	495	9.63	245

1004 & 5004 RC Series - Concrete to Concrete

RC SERIES	5000 SERIES	A		B		C	
1004-44RC	5004-44RC	5.51	140	5.51	140	3.97	101
1004-66RC	5004-66RC	7.58	193	7.58	193	5.94	151
1004-88RC	5004-88RC	10.38	264	10.38	264	5.90	150

1004-1010RC	5004-1010RC	12.40	315	12.40	315	5.90	150
1004-1212RC	5004-1212RC	15.25	387	15.25	387	6.42	163
N/A	5004-1212LCRC	15.25	387	15.25	387	6.42	163
1004-1515RC	N/A	19.74	501	19.74	501	9.89	251

1006 & 5006 RC Series - Concrete to Cast Iron or Plastic

RC SERIES	5000 SERIES	A		B		C	
1006-44RC*	5006-44RC	5.64	143	4.51	115	3.97	101
1006-64RC*	N/A	7.58	193	4.38	111	5.94	151
1006-66RC*	5006-66RC	7.63	194	6.63	168	5.94	151
1006-86RC*	N/A	10.38	264	6.38	162	5.90	150
1006-88RC*	5006-88RC	10.49	266	8.63	219	5.90	150
1006-1010RC*	5006-1010RC	12.40	315	10.75	273	5.90	150
1006-1212RC*	5006-1212RC	15.25	387	12.60	320	6.42	163
1006-1515RC*	N/A	19.74	501	15.40	391	9.89	251

1051 & 5051 RC Series - AC or Ductile Iron to Cast Iron or Plastic

RC SERIES	5000 SERIES	A		B		C	
1051-44RC	5051-44RC	4.80	122	4.39	112	3.94	100
1051-45RC*	N/A	5.00	127	5.52	140	3.97	101
1051-46RC*	5051-46RC	4.75	121	6.60	168	5.74	146
1051-55RC*	N/A	5.90	150	5.50	140	5.92	150
1051-64RC*	5051-64RC	6.95	177	4.38	111	5.92	150
1051-65RC*	N/A	6.95	177	5.50	140	5.92	150
1051-66RC	5051-66RC	6.69	177	6.69	170	5.91	150
1051-8-10RC*	N/A	9.05	230	10.63	270	5.89	150
1051-88RC	5051-88RC	9.25	235	8.51	216	5.97	152
1051-10-8RC*	N/A	11.02	280	8.38	213	5.97	152
N/A	5051-1010RC	11.02	280	10.52	267	5.85	148
1051-1212RC*	5051-1212RC	13.37	340	12.60	320	5.97	152
N/A	5051-1615RC	18.14	461	15.40	391	9.89	251
1051-1818RC	N/A	19.74	501	19.74	501	9.89	251

1055 & 5055 RC Series - AC or Ductile Iron to AC or Ductile Iron

RC SERIES	5000 SERIES	A		B		C	
1055-44RC	5055-44RC	4.75	121	4.75	121	3.96	101
1055-66RC	5055-66RC	6.65	169	6.65	169	5.92	150
1055-88RC	5055-88RC	9.05	230	9.05	230	5.98	152
1055-1212RC	5055-1212RC	13.37	340	13.37	340	5.97	152

1056 RC Series - Cast Iron, Platic, Copper, Steel or Lead

RC SERIES	5000 SERIES	A		B		C	
1056-150RC	N/A	1.94	49	1.94	49	3.43	87
1056-22RC	N/A	2.41	61	2.41	61	3.45	88
1056-32RC*	N/A	3.52	89	2.38	60	3.96	101
1056-33RC	N/A	3.46	88	3.46	88	3.98	101
1056-43RC*	5056-43RC	4.58	116	3.38	86	4.02	102
1056-44RC	5056-44RC	4.58	116	4.58	116	4.02	102
1056-54RC*	5056-54RC	5.52	140	4.38	111	3.97	101
1056-55RC	5056-55RC	5.52	140	5.52	140	3.97	101
1056-64RC*	5056-64RC	6.60	168	4.50	114	5.74	146
1056-65RC*	N/A	6.60	168	5.62	143	5.74	146
1056-66RC	5056-66RC	6.60	168	6.60	168	5.74	146
1056-86RC*	N/A	8.64	219	6.63	162	6.04	153
1056-88RC	5056-88RC	8.64	219	8.64	219	6.04	153
1056-1010RC	5056-1010RC	10.63	270	10.63	270	5.89	150
1056-1212RC	5056-1212RC	12.52	318	12.52	318	6.32	161
1056-1515RC	5056-1515RC	15.92	404	15.92	404	9.89	251
1056-1818RC	5056-1818RC	19.10	485	19.10	485	9.89	251
N/A	5056-2424RC	25.10	638	25.10	638	9.89	251