

# FRC56 SERIES- FLEXIBLE COUPLINGS

## APPLICATIONS:

- For joining dissimilar pipe material including cast iron (C.I.), plastic (PL), copper, steel or lead to cast iron (C.I.), plastic, copper, steel or lead. Also used for joining dissimilar pipe sizes.
- Utility, municipal, and plumbing applications including sewer, drain, waste, and drain waste vent (DWV).
- Forms positive seal against infiltration and exfiltration in non-pressure environments.

## FEATURES:

- Root-proof, unaffected by soil conditions, resistant to chemicals, UV rays, fungus growth, and normal sewer gases.
- Includes two marine grade 300 stainless steel clamps.

## SPECIFICATIONS:

- +/- 0.5° angle of deflection allowing coupling to flex with normal earth movement while ensuring leak proof seals.

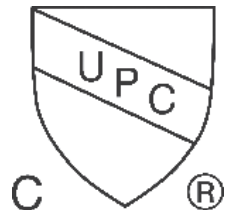
## RATINGS:

- Maximum test pressure: 4.3 PSI (29.6 kPa)
- Operating temperature range: -30 - 140 °F (-34 - 60 °C)



## CERTIFICATIONS:

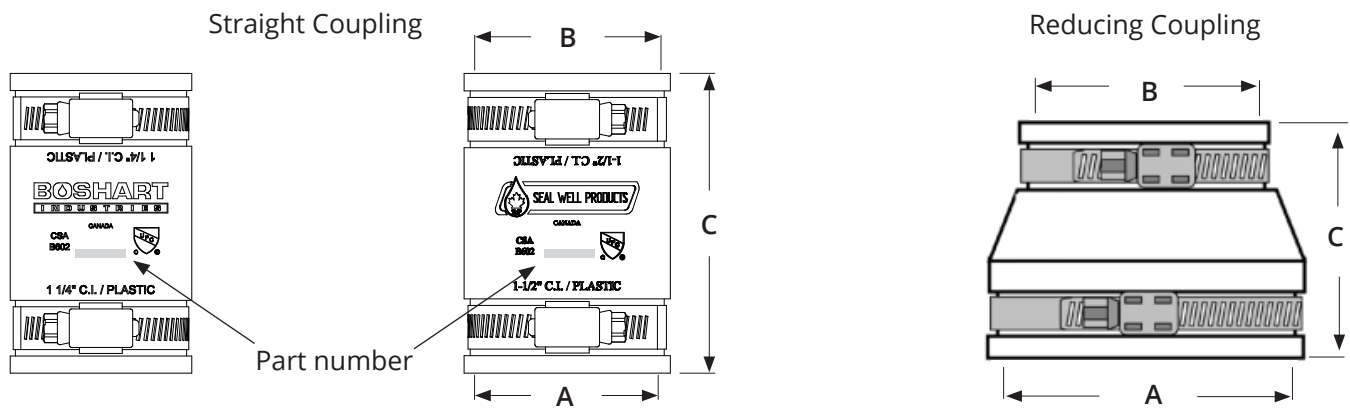
- cUPC certified to ASTM C1173 (Standard Specification for Flexible Transition Couplings for Underground Piping Systems)
- IAPMO certified to CSA B602 standards (Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe)
- Clamps are IAPMO certified to ANSI/SAE J-1670 (Type "F" Clamps for Plumbing Applications)



**BOSHART**  
**INDUSTRIES**

25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0  
Tel: 800-561-3164

[boshart.com](http://boshart.com) ♦ [blog.boshart.com](http://blog.boshart.com)



### DIMENSIONS

Part No.	Connection Sizes (C.I./PL x C.I./PL)	SAE Clamp Size	A		B		C		Weight	
			in	mm	in	mm	in	mm	lb	grams
FRC56-10	1" x 1"	20 x 20	1.32	34.0	1.32	34.0	2.35	60.0	0.190	86
FRC56-125*	1-1/4" x 1-1/4"	24 x 24	1.65	42.0	1.65	42.0	3.50	89.0	0.439	199
FRC56-150125*	1-1/2" x 1-1/4"	32 x 24	1.90	48.0	1.65	42.0	3.50	89.0	0.439	199
FRC56-15*	1-1/2" x 1-1/2"	32 x 32	1.90	48.0	1.90	48.0	3.43	87.0	0.348	158
FRC56-2015*	2" x 1-1/2"	40 x 32	2.40	61.0	1.90	48.0	3.39	86.0	0.408	185
FRC56-20*	2" x 2"	40 x 40	2.40	61.0	2.40	61.0	3.39	86.0	0.430	195
FRC56-3015	3" x 1-1/2"	56 x 32	3.50	89.0	1.90	48.0	3.95	100.0	0.569	258
FRC56-3020*	3" x 2"	56 x 40	3.50	89.0	2.40	61.0	3.96	101.0	0.689	312
FRC56-30*	3" x 3"	56 x 56	3.50	89.0	3.50	89.0	4.00	102.0	0.798	362
FRC56-4015	4" x 1-1/2"	72 x 32	4.50	114.0	1.90	48.0	3.95	100.0	0.880	399
FRC56-4020	4" x 2"	72 x 40	4.50	114.0	2.40	61.0	3.95	100.0	1.098	498
FRC56-4030*	4" x 3"	80 x 56	4.50	114.0	3.50	89.0	4.00	102.0	0.959	435
FRC56-40*	4" x 4"	80 x 80	4.50	114.0	4.50	114.0	4.00	102.0	1.038	471
FRC56-5040	5" x 4"	92 x 72	5.56	141.0	4.50	114.0	3.95	100.0	1.759	798
FRC56-50	5" x 5"	92 x 92	5.56	141.0	5.56	141.0	3.95	100.0	1.759	798
FRC56-6040*	6" x 4"	116 x 80	6.56	166.0	4.50	114.0	5.75	146.0	2.008	911
FRC56-6040E**	6" x 4"	116 x 80	6.61	168.0	4.46	113.0	5.75	146.0	3.131	1420
FRC56-6050	6" x 5"	108 x 92	6.56	166.0	5.56	141.0	6.00	152.0	2.198	997
FRC56-60*	6" x 6"	116 x 116	6.56	166.0	6.56	166.0	6.00	152.0	2.198	997
FRC56-8040	8" x 4"	144 x 72	8.52	216.0	4.50	114.0	5.88	149.0	3.210	1456
FRC56-8060	8" x 6"	144 x 108	8.52	216.0	6.56	166.0	5.88	149.0	3.210	1456
FRC56-80	8" x 8"	144 x 144	8.52	216.0	8.52	216.0	5.82	148.0	2.939	1333
FRC56-10080	10" x 8"	180 x 144	10.63	270.0	8.52	216.0	6.20	157.0	4.760	2159
FRC56-100	10" x 10"	180 x 180	10.63	270.0	10.6	270.0	6.20	157.0	5.199	2358
FRC56-120	12" x 12"	212 x 212	12.50	317.0	12.5	317.0	6.20	157.0	6.078	2757

\*Manufactured onsite at Boshart Industries. NOTE: Tooling made prior to November 2024 will have SealWell logo on the product. New tooling made after November 2024 will have Boshart Logo. Products not manufactured onsite at Boshart Industries will have applicable manufacturer's mark.

\*\*Eccentric Bottom

For more information on installation, adjustment, repair & operation, visit Boshart Knowledge Base at [SUPPORT.BOSHART.COM](https://support.boshart.com)



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