



1900RSC SERIES

FABRICATED RESTRAINED COUPLING



APPLICATIONS

Used to join plain end pipe with a flexible restrained connection. Suitable for use on PVC and Ductile Iron pipe. Sizes 14" – 54". For smaller sizes see the EBAA 3800 Series Restrained Coupling.

MATERIAL SPECIFICATIONS

- Center Sleeve:** Carbon Steel per ASTM A36
- Restraint Gland:** EBAA 1100 Series for Ductile Iron connection & EBAA 2000 Series for a C-900 connection. ASTM A536 Ductile Iron
- Gaskets:** EBAA-Seal™ Mechanical Joint-SBR
- Tie Rods:** **1908RSC**—ASTM A193 Gr B7
1906RSC—T-304 Stainless Steel material
Torque is 75-90 ft. lbs.
- Coating:** Barrel – Fusion Bonded Epoxy per AWWA C213
End Gland – Mega Bond

HOW TO ORDER

To install a restrained coupling on 24" Ductile Iron pipe using ASTM A193 GR B7 (uncoated) Tie Rods the ordering code is:

1908RSC - 24" Coupling - DI x DI

For use on Ductile Iron Pipe – EBAA 1100 Series End Gland

NOMINAL SIZE	APPROX* WEIGHT	NO. OF TIE RODS	SIZE OF TIE RODS	NO. OF WEDGES	OVERALL DIAMETER	PRESSURE RATING	DEFLECTION
14	154	10	3/4 x 18	10	20.94	350	4
16	178	12	3/4 x 18	12	23.00	350	4
18	201	12	3/4 x 18	12	25.10	250	4
20	229	14	3/4 x 18	14	27.20	250	4
24	365	16	3/4 x 18	16	32.64	250	4
30	540	20	1 x 20	20	38.87	250	3
36	695	24	1 x 20	24	45.17	250	3
42	1220	28	1 1/4 x 24	28	55.57	250	1
48	1450	32	1 1/4 x 24	32	61.87	250	1
54	1584	36	1 1/4 x 24	36	66.40	200	1

Note: - Coupling barrel length=10"

All dimensions are in inches.

For use on C905 PVC Pipe – EBAA 2000 Series End Gland

NOMINAL SIZE	APPROX* WEIGHT	NO. OF TIE RODS	SIZE OF TIE RODS	NO. OF WEDGES	OVERALL DIAMETER	PRESSURE RATING	DEFLECTION
14	151	10	3/4 x 18	10	20.94	235	4
16	171	12	3/4 x 18	12	23.00	235	4
18	198	12	3/4 x 18	12	25.10	200	4
20	223	14	3/4 x 18	14	27.20	200	4
24	321	16	3/4 x 18	16	32.64	165	4
30	474	20	1 x 20	20	38.87	165	3
36	623	24	1 x 20	24	45.17	125	3

Note: - Coupling barrel length = 10"

All dimensions are in inches.

- If restraining Ductile Iron to C905, you need to order the 1100 series and 2000 series end gland.



This product is tested and certified by WQA to NSF/ANSI standard 61

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