

Heavy Duty Couplings

List Price Schedule SDC-608
Effective June 25, 2008
(Updated September 15, 2009)
Supersedes Price Schedule HDC-607

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>> Heavy Duty 4000 No-Hub Couplings

Size	UPC# 611942-	Approximate Weight Each (lbs.)	No. Per Carton	List Price Each
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Part No. SDC 4
Heavy Duty 4000 Coupling

1½"	11512	.5	60	\$16.15
2"	11513	.6	75	17.25
3"	11514	.7	48	19.90
4"	11515	.9	48	23.20
5"	11516	1.5	15	47.65
6"	11517	1.7	15	54.35
8"	11518	2.1	15	111.70
10"	11519	2.5	12	143.60



Part No. HD 1
Heavy Duty Coupling

*12"	09632	3.4	12	160.15
*15"	09633	4.1	6	268.10

Heavy Duty 4000 Couplings and Heavy Duty Couplings have a different discount than regular No-Hub Couplings. Please call your local Charlotte Pipe® representative for discounts.

- **AISI 304 STAINLESS STEEL HEAVY DUTY CORRUGATED SHIELD:**

The Heavy Duty 4000 all stainless steel coupling balances the desire for a more rigid joint with the need to provide a superior positive seal which can accommodate possible disparities of No-Hub pipe and fittings. This has been accomplished by a coupling with a Heavy Duty corrugated shield of sufficient width to accommodate additional surface-bearing sealing clamps.

- **AISI 304 STAINLESS STEEL CLAMPS AND SCREW HOUSING:**

The additional sealing clamps, when torqued to min. 80 inch pounds, offer two salient performance-related features. **First**, the overall dimensions thickness of the clamp and shield, in conjunction with the additional width of the coupling, results in a more uniform rigid joint, with the load being supported at both the outer edge of the coupling and the centerline of the joint. **Second**, the additional sealing clamps yield increased surface-bearing contact between the coupling and the pipe or fitting, thereby inhibiting joint movement at higher internal pressures not commonly associated with DWV systems.

- **AISI 305 STAINLESS STEEL 3/8" HEX HEAD UNSLOTTED SCREW.**

- **HEAVY DUTY GASKETS:**

The gasket shall be manufactured from a compound containing high quality neoprene as the sole elastomer. ASTM C 564.

- **HEAVY DUTY 4000 AND HEAVY DUTY COUPLINGS MEET ASTM C 564.**

*12 and 15" furnished in Heavy Duty No-Hub Coupling.

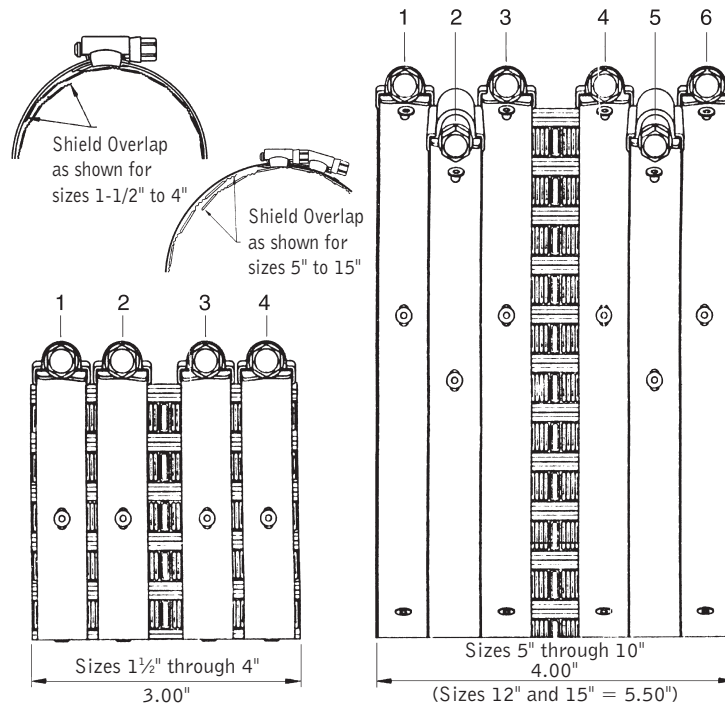
⚠ WARNING

Use of compressed air or gas in cast iron pipe or fittings can result in explosive failures and cause severe injury or death.

AIR/GAS

- NEVER use compressed air or gas in cast iron pipe or fittings.
- NEVER test cast iron pipe or fittings with compressed air or gas, or air over water boosters.
- ONLY use cast iron pipe for water or approved chemicals.

HEAVY DUTY 4000 NO-HUB COUPLING TIGHTENING SEQUENCE AND DIMENSIONS



Note: The callouts above refer to the tightening sequence. Please see the tightening sequence instruction below.

A properly calibrated torque wrench set at 80-inch pounds should always be used when installing Heavy Duty 4000 couplings for joining No-Hub pipe and fittings.

- 1) Pipe should have square cuts.
- 2) Firmly seat both ends of pipe/fittings against the internal molded shoulder in the center of gasket.
- 3) Heavy Duty 4000 coupling size 1-1/2 through 4" are three inches wide and have four sealing bands. Starting on the side with the smaller diameter torque as follows: 2,1 - 2,1 - 3,4 - 3,4 - 2,1 - 3,4.
- 4) Heavy Duty 4000 couplings sizes 5 through 10" are four inches wide and have six sealing bands. Starting on the side with the smaller diameter torque as follows: 3,2,1 - 3,2,1 - 4,5,6 - 4,5,6 - 3,2,1 - 4,5,6.
- 5) Heavy Duty couplings sizes 12 and 15" are five and one-half inches wide with six sealing bands. Starting on the side with the smaller diameter torque as follows: 3,2,1 - 3,2,1 - 4,5,6 - 4,5,6 - 3,2,1 - 4,5,6.

SIZE	SHIELD WIDTH	SHIELD THICKNESS	CLAMP WIDTH	NUMBER OF CLAMPS
1 1/2"	3"	.016"	.562"	4
2"	3"	.016"	.562"	4
3"	3"	.016"	.562"	4
4"	3"	.016"	.562"	4
5"	4"	.016"	.562"	6
6"	4"	.016"	.562"	6
8"	4"	.016"	.562"	6
10"	4"	.016"	.562"	6
12"	5 1/2"	.0075" +/- .001"	.625"	6
15"	5 1/2"	.0075" +/- .001"	.625"	6