

ON-GRADE FLOOR DRAIN

» 843 SERIES

SPECIFICATION

Sioux Chief 843 series on-grade floor drain shall be used where necessary in drainage systems. Floor drain shall have an ABS or PVC body with Sch. 40 hub connection in accordance with ASTM D2661/D2665 and connect to pipe via solvent weld joint. Strainer shall meet applicable load requirements for intended use. Designed in accordance with ASME A112.6.3

MATERIALS

Ring/strainer: Nickel-bronze, 304 Stainless steel

Drain body: ABS, PVC

LOAD RATING

2" Drain: 2,500 lbs. (light-duty, heel-resistant)

3" Drain: 2,000 lbs. (light-duty, heel-resistant)

4" Drain: 1,000 lbs. (light-duty, heel-resistant)

GRATE FREE AREA

	2" Drain	3" Drain	4" Drain
Round	4.5 in ²	8.5 in ²	13.4 in ²
Square	7.6 in ²	12.75 in ²	16.4 in ²

DIMENSIONS

	2" Drain	3" Drain	4" Drain
A: Connection	2" Sch. 40 Hub ¹	3" Sch. 40 Hub ²	4" Sch. 40 Hub
B: Top diameter - Rnd	4-1/2"	5-1/2"	6-1/2"
Top diameter - Sqr	4-1/2"	5-7/8"	7"
C: Overall height	2-5/8"	2-5/8"	2-7/8"

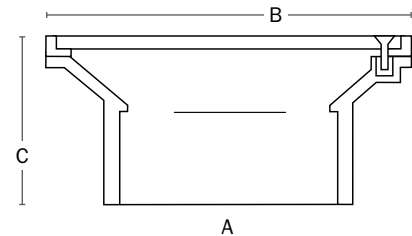
¹ Fits inside most 3" Sch. 40 pipe

² Fits inside most 4" Sch. 40 pipe

ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____



843-3PNQ



Create Item Number

843-ABC

e.g. **843-3PNQ:** Heavy-duty access housing with ductile iron cover

CONNECTION SIZE **A**

- 2** = 2" Sch. 40 Hub
- 3** = 3" Sch. 40 Hub
- 4** = 4" Sch. 40 Hub

CONNECTION TYPE **B**

- A** = ABS
- P** = PVC

STRAINER **C**

- NR** = ABS
- NQ** = PVC
- SR** = ABS
- SQ** = PVC

Available separately:

- 2" TrapShield trap protection device: (835-2)
- 3" TrapShield trap protection device: (835-3)
- 4" TrapShield trap protection device: (835-4)
- 4" Aluminum condensate funnel: (863-FA)
- 4" Nickel-bronze condensate funnel: (863-FN)