

# 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 <sup>2</sup>	8.5 in <sup>2</sup>	13.4 in <sup>2</sup>
Square	7.6 in <sup>2</sup>	12.75 in <sup>2</sup>	16.4 in <sup>2</sup>

### DIMENSIONS

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

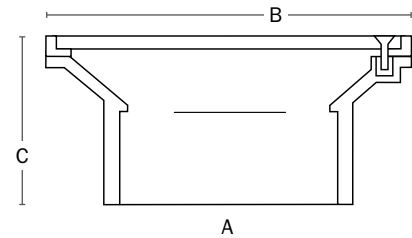
<sup>1</sup> Fits inside most 3" Sch. 40 pipe

<sup>2</sup> 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)