

FLOOR DRAIN

» 843 SERIES

SPECIFICATION

Sioux Chief 843 series general-purpose 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, 301 stainless steel, cast iron

Drain body: ABS, PVC

STRAINER LOAD RATING

	2" Drain	3" Drain	4" Drain
Nickel-bronze	2,500 lbs.	2,000 lbs.	1,000 lbs.
Stainless steel	2,500 lbs.	2,000 lbs.	1,000 lbs.
Cast iron (heavy duty)	10,000 lbs.	10,000 lbs.	7,500 lbs.

STRAINER FREE AREA

	2" Drain	3" Drain	4" Drain
Round NB/SS	4.5 in ²	8.5 in ²	13.4 in ²
Square NB/SS	7.6 in ²	12.75 in ²	16.4 in ²
Cast iron	4.1 in ²	6.8 in ²	9.5 in ²

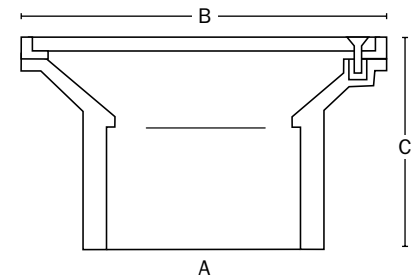
DIMENSIONS

	2" Drain	3" Drain	4" Drain
A: Connection	2" x 3"	3" x 4"	4" Hub
B: Top diameter			
Round NB/SS	4½"	5½"	6½"
Square NB/SS	4½"	5⅞"	7"
Cast iron	5"	6⅛"	6⅝"
C: Overall height			
Round NB/SS	2⅝"	2⅝"	2⅞"
Square NB/SS	2⅝"	2⅝"	2⅞"
Cast iron	3⅛"	3⅛"	3½"

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



843-3PNQ



Create Item Number

843-ABC

e.g. **843-3PNQ:** Floor drain with 3" PVC hub connection and square nickel-bronze ring and strainer

CONNECTION SIZE **A**

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

CONNECTION **B**

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

RING/STRAINER **C**

- NR** = Nickel-bronze Round
- NQ** = Nickel-bronze Square
- SR** = Stainless steel Round
- SQ** = Stainless steel Square
- I** = Cast iron Round

Available separately:

- 4" Aluminum condensate funnel: (863-FA)
- 4" Nickel-bronze condensate funnel: (863-FN)
- 4x9" Oval nickel-bronze condensate funnel: (863-FNO)