

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, 18GA 430 stainless steel, gray ABS

Drain body: ABS or PVC with brass thread inserts

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"

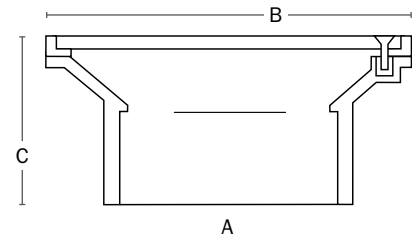
¹ Fits inside most 3" Sch. 40 pipe

² Fits inside most 4" Sch. 40 pipe

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



843-3PNQ



Create Item Number

843-ABCD

e.g. **843-3PNQ:** Floor drain with 3" Sch. 40 PVC hub connection and square nickel-bronze ring/strainer

CONNECTION SIZE A

2 = 2" Sch. 40 Hub

3 = 3" Sch. 40 Hub

4 = 4" Sch. 40 Hub

STRAINER C

NR = Round nickel-bronze

NQ = Square nickel-bronze

S = 18GA stainless steel

P = Gray ABS

Accessories - Available Separately:

835-2: 2" TrapShield trap protection device

835-3: 3" TrapShield trap protection device

835-4: 4" TrapShield trap protection device

863-FA: 4" Aluminum condensate funnel

863-FN: 4" Nickel-bronze condensate funnel

CONNECTION TYPE B

A = ABS

P = PVC

OPTIONS D

V = Vandal-resistant strainer screws