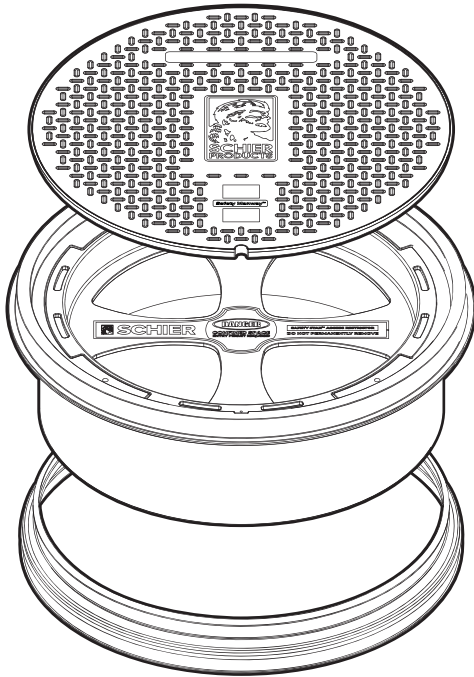


SPECIFICATION AND SUBMITTAL

Safety Manway™

Accidental Entry Protection System for Buried Tanks



SOLIDS INTERCEPTOR
GREASE INTERCEPTOR
OIL SEPARATOR
SEPTIC TANK
CHEMICAL WASTE TANK
STORM SEWER
SANITARY SEWER

SUBMITTAL

Standard

Location: outdoor

Installation: below grade

Riser Compatibility: Schier FCR2

Weight: 89 lbs.

Accessway: 20" (500 mm)

Cover: cast iron cover,
pickable 24" gas/water tight, H-20 rated,
proof-load tested to 40,000 lbs.

Options

- ☐ **Riser Compatibility:**
Schier/Striem SR24 and LR24
- ☐ **C24H2:** composite cover,
bolted 24" gas/water tight,
traffic load rated for 16,000 lbs.



SCHIER

MODEL:

Safety Manway

DESCRIPTION: Accidental entry protection
system for buried tanks

PART #: 8010-010-01

DWG BY: B. Karrer

DATE: 3/18/2020

REV:

ECO:



SPECIAL PRECAUTIONS

Failure to follow this guidance voids your warranty

⚠ WARNING! **DO NOT AIR TEST TANKS OR RISER SYSTEM!**
Doing so may result in property damage, personal injury or death.

⚠ CAUTION! Do not install this unit in any manner except as described in these instructions.

- 1
- ☐ Read all instructions before installation
 - ☐ Install in conformance with all local codes

2 **⚠ CAUTION**
Do not add any form of lubricant to adjustable riser tubes during installation.

3 **DO NOT Permanently Remove Safety Star™ Tether**

4 **Make Sure Parts Are Clean When Applying Butyl Mastic Sealant**

5 **Additional hardware (by others) may be required**

6  **DO NOT Use Heavy Equipment to Compress Manway/ Riser into Mastic**

7  **Maximum Tank Accessway Diameter**



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Specifications

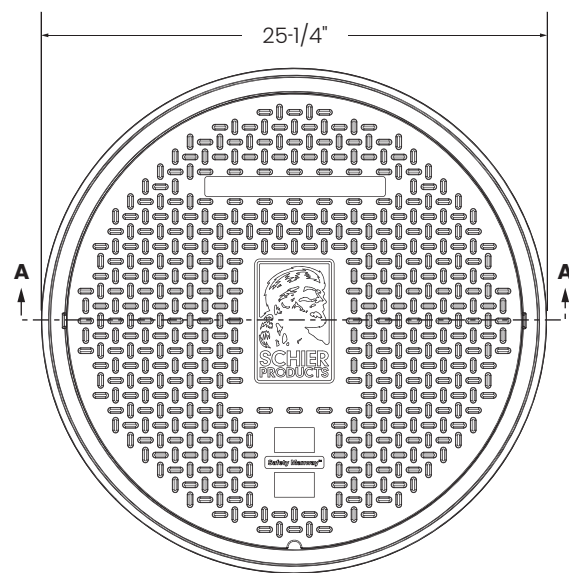
Notes

1. Standard FCR2 riser compatible model comes with a cover adapter gasket assembly (rubber gasket ring with stainless steel band clamps and 7/16" nut driver).
2. Optional SR24/LR24 compatible model comes with butyl mastic sealant for riser joints (instead of cover adapter gasket assembly).
3. Risers not included.
4. Safety Star™ insert provides protection from accidental falls during tank maintenance while providing limited access. May be removed easily for full access. Maximum load: 450 lbs. with safety factor of 2.
5. Pickable cast iron cover with gasket for outdoor use protects against surface water infiltration and internal gas release. Maximum load: H-20 16,000 lbs. with safety factor of 2.5 (per AASHTO Standard M306).
6. Optional bolted composite cover with gasket for indoor use. Maximum load: 16,000 lbs. with safety factor of 2.
7. Includes heavy-duty adhesive backed labels for identifying buried tank as oil separator, solids interceptor, chemical waste tank, septic tank, storm sewer or sanitary sewer.
8. Additional hardware by others may be required to secure tank to riser. See installation guide for details.
9. Total weight = 89 lbs. (with cast iron cover) or 31 lbs. (with composite cover).

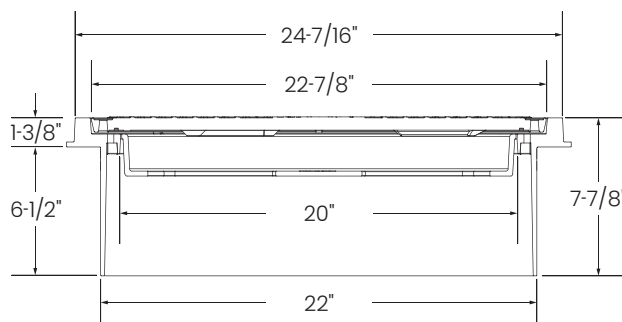
Engineer Specification Guide

Schier Safety Manway™ shall be lifetime guaranteed and made in USA of injection molded polypropylene cover adapter, cast iron cover (or glass reinforced bolted composite cover with stainless steel fasteners), injection molded polypropylene Safety Star™ insert and flexible rubber gasket with stainless steel band clamps (or butyl mastic sealant).

TOP VIEW



SECTION A-A



MODEL:

Safety Manway

DESCRIPTION: Accidental entry protection system for buried tanks

PART #: 8010-010-01

DWG BY: B. Karrer

DATE: 3/18/2020

REV:

ECO: