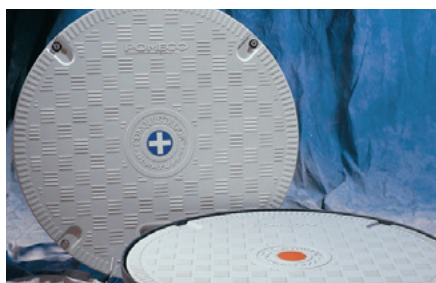


Manholes & Monitoring Well Equipment



Fibrelite Composite Access Covers

Fibrelite manufactures the widest range of composite manhole covers for the Retail Fueling industry. After 30 years Fibrelite remains number one in the market, supplying globally innovative new designs.

Manholes & Monitoring Well Equipment

OPW Manholes are designed for use in a wide variety of service station, commercial and industrial driveway applications. They provide access from grade-level to underground equipment including tank sumps, tank riser pipes, monitoring equipment, submersible pumps, valves and piping connections.

Composite Manholes

Lightweight and extremely durable, composite cover manholes make sump accessibility safer and easier than ever before. Designed for use in many service station, commercial and industrial driveway applications, these manholes offer a wide variety of features to ensure the ultimate in safety, user-friendly convenience and long-lasting performance.

Cast-Iron Manholes and Fill Boxes

Heavily ribbed cast-iron covers and body rings ensure maximum load-bearing capacity on cast-iron manholes and fill boxes. These manholes are ideal for connecting underground tank lines directly to the surface without sump enclosures. A variety of features available on cast-iron manholes and fill boxes make them the perfect choice for many applications.

Steel Manholes

Steel Manholes are designed for use in a variety of service station driveway, industrial and commercial applications, and are used to provide access to all types of underground equipment, including vapor recovery connections, UST monitoring equipment, submersible pumps and tank-gauging equipment.

Monitoring Well Manholes

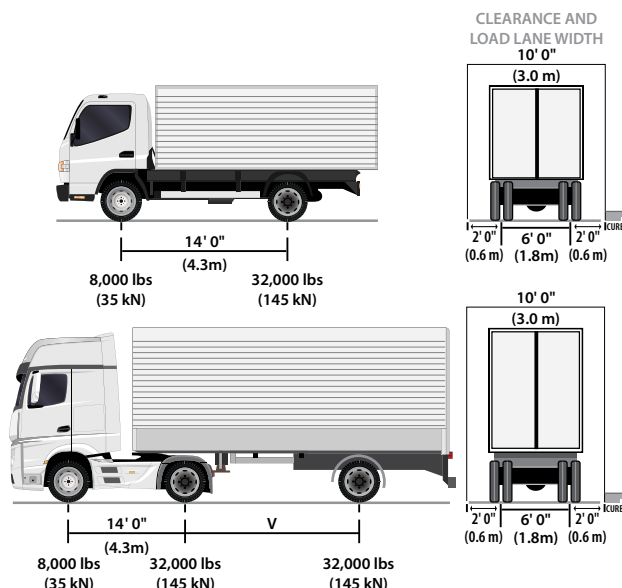
OPW Monitoring Well Manholes are designed for monitoring and observation well applications where limited access and clear identification are essential. Rugged cast-iron covers meet H20/HS20 load rating requirements for long-lasting and reliable performance. The covers feature a permanently cast-in "Do Not Fill" warning statement and a black equilateral triangle inset into a white background in accordance with API Recommended Practice 1615.

OPW Manhole Covers Exceed Highway Specification-20 (H20/HS20)

Highway Specification-20 (H20/HS20) is contained in the "Standard Specifications for Highway Bridges" and is intended to serve as a standard or guide of preparation of state specifications.

H20/HS20 incorporates rear-axle loading of 32,000 lbs. over rear-axle (4 wheel on single axle) or wheel loading of 8,000 lbs. per tire.

These sketches illustrate the AASHTO-approved live-loading specifications for the standard H20 and HS20 trucks.



Fibrelite Composite Manholes

Fibrelite offers the retail-petroleum industry's leading watertight, easy to remove, non-bolted composite manhole covers in a large selection of shapes and sizes. From general tank sump access to multiport and single-port fill-sump applications to interstitial sumps and monitoring-wells, Fibrelite has every application covered.

Multiple colors are available – Contact OPW Customer Service for pricing, availability, and lead times.

Materials:

Cover: Fiberglass

Frame: Fiberglass

Skirt: Fiberglass

Cover Includes Frame and Skirt



Features & Benefits:

- ◆ UV resistant
- ◆ Round, square and rectangular (wide range of sizes)
- ◆ Anti-slip surface - no costly injury claims
- ◆ Will not corrode
- ◆ Watertight, sealed design
- ◆ No bolts required
- ◆ Monolithic structure eliminates delaminating
- ◆ Ergonomic, single-person removal and replacement with Fibrelite lifting handle
- ◆ Locks available for all covers
- ◆ Available in any color
- ◆ Heavy-duty (HD40) covers available for truck stops, bus depots and industrial applications

Complete Cover Assemblies

Ordering Specifications - Complete Grade Level "Flat" Composite Manholes

Part #	Description	Color	Skirt I.D.	Cover O.D.	Skirt Length	Skirt Style	Wt.
FL120BLACK-SK12	12" Black Flat Composite Manhole Cover Bonded	Black	13"	15"	12"	Tapered	26 lbs
FL180BLACK-SK12	18" Black Flat Composite Manhole Cover Bonded	Black	19"	21.2"	12"	Tapered	40 lbs
FL600BLACK-SK12	24" Black Flat Composite Manhole Cover Bonded	Black	26"	27"	12"	Tapered	76 lbs
FL760BLACK-SK12	30" Black Flat Composite Manhole Cover Bonded	Black	32"	33"	12"	Tapered	89 lbs
FL90BLACK-SK12	36" Black Flat Composite Manhole Cover Bonded	Black	37"	38.5"	12"	Tapered	109 lbs
FL90GRAY-SK12	36" Gray Flat Composite Manhole Cover Bonded	Gray	37"	38.5"	12"	Tapered	109 lbs
FL100BLACK-SK12	40" Black Flat Composite Manhole Cover Bonded	Black	42"	44"	12"	Stepped	142 lbs
FL100GRAY-SK12	40" Gray Flat Composite Manhole Cover Bonded	Gray	42"	44"	12"	Stepped	142 lbs



FL90-SK12

Contact OPW for custom length skirts, heavy duty or colored covers 1-800-422-2525.

Replacement Parts - Replacement Covers

Part #	Description	Color	Cover O.D.	Cover Ht.	Wt.
FL120BLACK	12" Dia. Black Flat Sealed Composite Cover	Black	15"	3.91"	13 lbs
FL180BLACK	18" Dia. Black Flat Sealed Composite Cover	Black	21.2"	3.84"	22 lbs
FL600BLACK	24" Dia. Black Flat Sealed Composite Cover	Black	27"	3.84"	46 lbs
FL760BLACK	30" Dia. Black Flat Sealed Composite Cover	Black	33"	3.84"	59 lbs
FL90BLACK	36" Dia. Black Flat Sealed Composite Cover	Black	38.5"	3.84"	75 lbs
FL100BLACK	40" Dia. Black Flat Sealed Composite Cover	Black	44"	3.84"	110 lbs
FL100GRAY	40" Dia. Gray Flat Sealed Composite Cover	Gray	44"	3.84"	110 lbs
FL36BLACK	36" Dia. Black Raised Composite Cover	Black	39.5"	3.84"	66 lbs
FL36GRAY	36" Dia. Gray Raised Composite Cover	Gray	39.5"	3.84"	66 lbs
FL42BLACK	42" Dia. Black Raised Composite Cover	Black	46.5"	3.84"	93 lbs

*Add HD to Part Numbers above to specify Heavy-Duty H25/HS25-Rated Covers



FL100-SK12

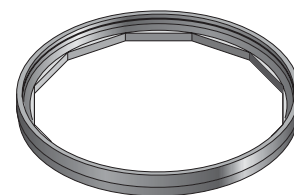


FL90

Ordering Specifications

Frames "Mounting Frame"

Part #	Description	Skirt I.D.	Manhole Type	Weight (lbs)
FL120F	12" Composite Frame For FL120 Covers	13"	Flat	7.7
FL180F	18" Flat Composite Frame For FL180 Covers	19"	Flat	11
FL600F	24" Flat Composite Frame For FL600 Covers	26"	Flat	17
FL760F	30" Flat Composite Frame For FL760 Covers	32"	Flat	18
FL90F	36" Flat Composite Frame For FL90 Covers	37"	Flat	20
FL100F	40" Composite Frame For FL100 Covers	42"	Flat	26



Frames - Flat Fiberglass Mounting Ring

Ordering Specifications

Skirts

Part #	Description	Skirt I.D.	Skirt Length	Skirt Style	Weight (lbs)
FL120-SK12	12" Deep FRP Skirt To Fit FL120	13"	12"	Tapered	5
FL180-SK12	12" Deep FRP Skirt To Fit FL180	19"	12"	Tapered	7
FL600-SK12	12" Deep FRP Skirt To Fit FL600	26"	12"	Tapered	10
FL760-SK12	12" Deep FRP Skirt To Fit FL760	32"	12"	Tapered	12
FL90-SK12	12" Deep FRP Skirt To Fit FL90 Flat	37"	12"	Tapered	14
FL100-SK12	12" Deep FRP Skirt To Fit FL100	42"	12"	Stepped	16



FL90-SK12

Ordering Specifications

Cover Accessories

Part #	Description
FL7	Lifting Handle For Raised Covers - FL42/FL36
FL7A	Lifting Handle With Foot Pedal For Watertight Covers - FL100/FL90/FL180
FL7A-ENCL	Enclosure To House FL7A Handles
KEY-HREP-10-76-90	Key Housing Repair Kit & Compound
FIB-KHB	Replacement Rubber Bung
FIB-KHP	Rubber Key Housing Plug
FIB2-RL-KEY	Key For FIB2-RL Cover Lock
FL120-SEAL	12" Replacement Gasket For FL120
FL180-SEAL	18" Replacement Gasket For FL180
FL600-SEAL	24" Replacement Gasket For FL600
FL760-SEAL	30" Replacement Gasket For FL760
FL90-SEAL	36" Replacement Gasket For FL90
FL100-SEAL	40" Replacement Gasket For FL100

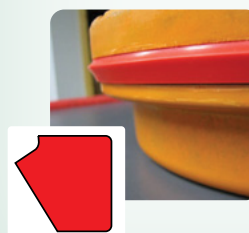


FL7A Keylift



FL7 Keylift

Replacement Gasket



FL7A-ENCL Enclosure