



COMPOSITE MANHOLES

At a fraction of the weight of typical steel manholes, FLEX-ING™ brand Composite Manholes give you all the benefits of a solid, well-constructed manhole with none of the difficulties you've come to expect from steel. A single technician can easily remove the lightweight cover while the composite construction and design allow the cover to stand up to the harshest forecourt conditions.

Highlights

- Constructed of many layers of high quality fiberglass bonded together with premium resin and then hand-finished with the utmost attention to quality.
- At their center, our manholes taper up from 1" to 1 ¼" in wall thickness while most competitive models remain at a uniform 1" wall thickness. This extra wall thickness provides minimal deflection and an extended service life.
- A shallow handle hole and chest-style handle with backer plate keep the wall thickness higher around this high-impact area of the cover.

Ordering Information

38" Composite Manholes

Model	Description
14U-3810	38" composite manhole lid, ring, 10" skirt
14U-RT3810	38" raintight composite manhole lid, ring, 10" skirt
14U-RT3810CL	38" raintight composite manhole with 10" skirt and cam locks
14U-3810C	38" composite manhole lid only
14U-RT3810C	38" raintight composite manhole lid only
14U-RT3810CLC	38" raintight composite manhole lid and cam locks
14U-3818	38" composite manhole lid, ring, 18" skirt
14U-RT3818CL	38" raintight composite manhole lid with 18" skirt and cam locks

42" Composite Manholes

Model	Description
14U-4210	42" composite manhole lid, ring, skirt (10")
14U-RT4210	42" raintight composite manhole lid, ring, skirt (10")
14U-RT4210CL	42" raintight composite manhole with skirt (10") and cam locks
14U-4210C	42" composite manhole lid only
14U-RT4210CLC	42" raintight composite manhole lid and cam locks
14U-4218	42" composite manhole lid, ring, 18" skirt
14U-RT4218CL	42" raintight composite manhole lid with 18" skirt and cam locks

Specifications

- Exceeds H20 and HS20 load standards (maximum axle load requiring support for the 32,000 or 16,000 pounds for each set of dual tire wheels).
- Available with solid construction cast Zn-Al-Mg alloy, slope-style cam locks for the ultimate in water tight sealing.
- 12 gauge skirt construction that is also powder coated for extreme protection.
- Slip resistant cover.
- 38" and 42" come standard with spring loaded handle and are available with Cam lock for rain tight seal.

Dimensions

Model	Diameter	Lid Thickness	Frame ID	Skirt Height	Skirt ID	Opening
38"	39.00"	1.00"	39.75"	10.50"	37.00"	35.25"
42"	43.94"	1.00"	44.50"	10.50"	42.00"	41.25"