

Ductile iron manhole cover 900 x 900 mm h638_171

Square ductile iron manhole cover. Clear opening: 800 x 800 mm. Height: 75 mm. Weight: 80 kg. External dimensions: 900 x 900 mm.

The **h638_171 ductile iron manhole cover** is a high-performance square covering device, specifically engineered to withstand the severe dynamic stresses of main traffic roads and industrial areas. Made of high-grade **GJS-500-7 ductile iron** in full compliance with the EN 1563 standard, the product is certified in load class **D400** according to European UNI EN 124 standards, guaranteeing a breaking load exceeding 400 kN (40 tons). The 90x90 cm structure features a frame equipped with a continuous shaped perimeter flange that optimizes adhesion to the foundation and facilitates fixing through holes for anchor bolts. To ensure maximum hygienic insulation, it integrates an **internal "U" seat** which, if filled with sand or equivalent materials, effectively blocks the rise of gases and bad odors from the manhole. The square cover fits in a guided and unique way thanks to the rounded internal corners, offering a deep interlocking fit and an embossed surface with anti-slip reliefs.

Technical characteristics

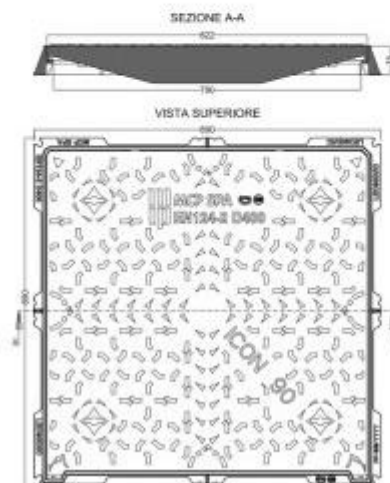
- **Material:** GJS-500-7 ductile iron complying with EN 1563 standard
- **Load class:** D400 (Breaking load > 400 kN / 40 Tons) – UNI EN 124
- **External dimensions:** 900 x 900 mm
- **Clear opening (internal):** 800 x 800 mm (wide useful passage for inspections)
- **Total height:** 75 mm
- **Total weight:** 80 kg
- **Geometry:** Square frame and cover
- **Anchoring:** Continuous rounded perimeter flange with reinforcement ribs and holes for anchor bolts
- **Odor insulation:** Internal "U" perimeter seat for sand or inert material seal
- **Precision:** Rounded internal corner for guided coupling of the cover
- **Passive safety:** Embossed surface with anti-slip reliefs and raised dimensional indication
- **Operation:** Cover equipped with closed-bottom slots for standard lifting keys
- **Customization:** Smooth central area prepared for the insertion of text and/or logos

* Image purely indicative

INFORMATION

- **Material manhole covers** ghisa
- **manhole_dimensions** 900 x 900 mm

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Manhole cover dimensions: 900 x 900 mm

Manhole cover material: ghisa