



## D400 ductile iron manhole cover for road surfaces h638\_155

Ductile iron manhole cover with square frame and cover. Dimensions: 500 x 500 mm. Weight: 26.5 kg. Class: D400.

The **D400 ductile iron manhole cover for road surfaces h638\_155** is a professional covering device designed for infrastructural contexts subject to constant dynamic stress. Manufactured from **high tensile strength ductile iron** by a company with an ISO 9001:2015 certified management system, this product solves the problem of structural failure and rocking typical of traditional manhole covers under heavy traffic. The target audience includes public authorities, construction companies, and technological network designers operating on road arteries, logistics yards, and commercial parking lots. The structure features a square frame provided with a **continuous peripheral flange and reinforcement ribs** for perfect anchoring to the concrete foundation, associated with an **internal "U" seat** that guarantees an airtight seal against the rise of sewer miasmas and odors in urban centers.

## Technical characteristics

- **External frame dimensions:** 500 x 500 mm
- **Internal clear opening:** 400 x 400 mm
- **Profile height:** 75 mm
- **Net weight:** 26.5 kg
- **Load class:** D400 (compliant with European standard EN 124, for loads up to 40 tons)
- **Material:** High-elasticity ductile iron
- **Geometry:** Square-shaped frame and cover with rounded corners
- **Frame configuration:** Shaped peripheral flange, stiffening ribs, and internal "U" groove
- **Cover details:** Maximum interlocking depth, closed slots for lifting keys, and anti-slip reliefs
- **Customization:** Smooth surface area dedicated to the engraving of logos or text of the contracting authority
- **System certification:** ISO 9001:2015

\* Image purely indicative

## INFORMATION

- **Material manhole covers** ghisa
- **manhole\_dimensions** 500 x 500 mm

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Manhole cover dimensions: 500 x 500 mm

Manhole cover material: ghisa

