

Chamber HQS 400x400mm, B125



MAIN CHARACTERISTICS

Material

Body: PP+Glass fibers

Covers: Ductile Iron

Temperature

Installation: -45 °C to +95 °C

Operational: -45 °C to +95 °C

Others

UV resistant: No

Operational lifetime: 25+ years

Loading class of the body: B125

Loading class of the ductile iron cover: D400

Standards

General: EN 124-1:2015

Manufacturing: EN ISO 9001

PRODUCT DESCRIPTION

Chamber HQS is a preformed, structural underground access chamber for use in outdoor communications networks. It protects critical underground assets such as splice enclosures and slack loops of fibre optic cable and provides an access point for network installation and maintenance.

Chamber HQS provides an easier, more flexible, and more sustainable alternative to concrete and brick-built chambers with benefits to network owners and constructors alike.

KEY ATTRIBUTES

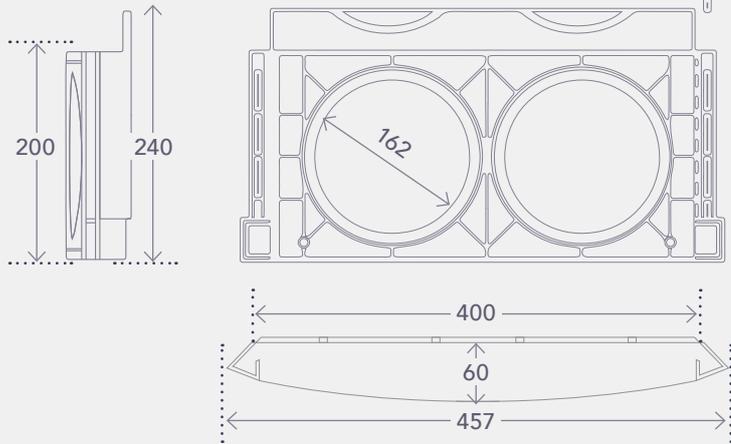
- ▶ Manufactured from 100% recycled polypropylene (PP) with glass fibers (GRP)
- ▶ 100% recyclable
- ▶ Lockable ductile iron cover with customizable labels if required

APPLICATION AREA

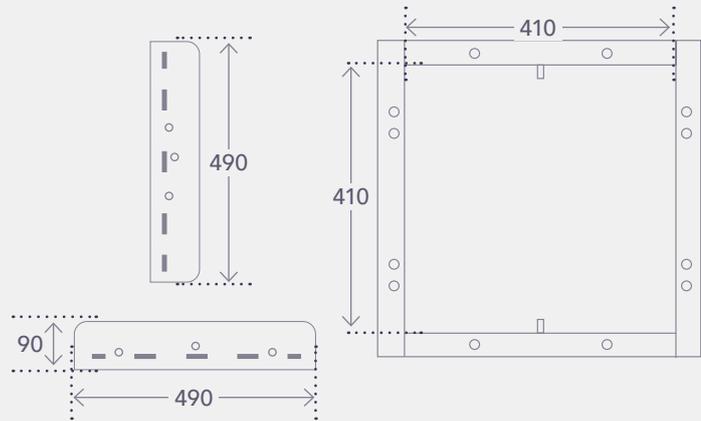
Chamber HQS can be installed in grass verges, sidewalks/pavements, or roads/carriageway. Chambers are supplied in flat pieces or rings for efficient transportation and storage and easy on-site configuration in as little as 20 minutes. Prefabricated entry points can be removed quickly with a hammer (and without a drill) before a rubber seal is installed around the conduits, MicroDucts, or MicroDuct bundles entering the duct to prevent the ingress of soil or other debris. Finally, the metal frame for the Chamber HQS' cover is adjustable to ensure the cover is installed at the correct height and angle.

BODY OF CHAMBER TECHNICAL SPECIFICATIONS

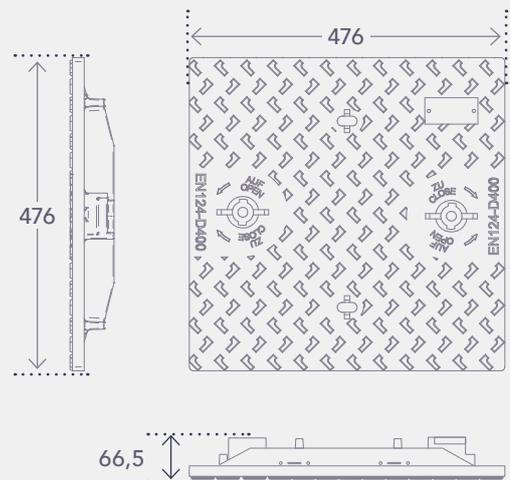
400 mm part



Metal Frame Cover



Ductile Iron Cover



PRODUCT VARIATIONS

Material Description	Weight (kg)	Dura-Line Part #
Chamber HQS segment 400 mm	1.210	20095266
Chamber HQS fixing part	0.152	20095267
Chamber HQS fixing pin	0.04	20095271
Chamber HQS fixing pin for divisible segments	0.05	20096255
Chamber HQS sealing 40-150 mm	0.09	20095268
Chamber HQS sealing 4x50 mm	0.145	20095269
Chamber HQS DI cover holes sealing	0.02	20096256
Chamber HQS cover sealing 400x400mm	0.5	20096259
Chamber HQS metal frame 400x400mm	8	20096263
Chamber HQS ductile iron cover/D400 400x400mm	28	20096118

SETS OF CONFIGURATIONS

Material Description	Dura-Line Part #
Chamber HQS 400x400 B125, base kit	20097295
Chamber HQS 400x400 B125, additional segment	20097296