







Galco

Ductile Iron Covers

Load Capacity Table

Load Class	EN124 Class	GLW	Wheel Loads		Typical Applications	
		Gross Laden Vehicle Weight (slow moving)	Wheel Loads* (slow moving) Pneumatic	Wheel Loads* (slow moving) Solid	Pneumatic Tyres	Solid Tyres
A 	A15	Pedestrian duty	0.6 tonne (5kN)	N/A	Internal and external areas which can only be used by pedestrians or cycles i.e. toilets, changing rooms, footways and cycle tracks	
AA 	N/A	5 tonne	1.5 tonne (15kN)	N/A	Very light industrial areas, where small trolleys and private cars/ vans can manoeuvre i.e. Domestic driveways, trolley parks, hospital wards, underground car parks	
AAA 	N/A	10 tonne	2.5 tonne (25kN)	0.5 tonne	Delivery/ service areas, shopping malls, light industrial areas	Light industrial areas, where trolleys and light pallet trucks operate
B 	B125	Up to 44 tonne	5.0 tonne (50kN)	0.75 tonne	Pedestrian precincts, forecourts, commercial delivery/ parking areas	Factories, industrial plants, where pick-up trucks and small pallet trucks operate
C 	C250	Up to 44 tonne but under special conditions	6.5 tonne (65kN)	1.0 tonne	Factories, industrial plants, special axle loads, kerb side drainage	Industrial areas where pallet and small fork-lift trucks operate
D 	D400	Up to 44 tonne but under special conditions	11.0 tonne (108kN)	3.0 tonne	Heavy duty plant areas carriageways and industrial service roads where fast moving HGVs reach speeds of 32 km/h max	Heavy duty industrial areas where medium duty fork-lift trucks operate
E 	E600	Special application vehicles	16.0 tonne (158kN)	5.0 tonne	Dockside and container storage areas where heavy transporters operate	Very heavy industrial areas where large heavy duty fork-lift trucks operate
F 	F900	Special application vehicles	24.0 tonne (237kN)	N/A	Civil and military airfield aprons, where particularly heavy wheel loads are imposed by aircraft and towing vehicles	

* Slow moving wheel loads are deemed to be speeds no greater than 32 km/h.

Solid Top Covers and Frames

Features

- ▶ Ductile Iron Cover and Frame
- ▶ Kitemarked to EN 124 Class B125kN
- ▶ Closed Keyways
- ▶ Black Bitumen Coated
- ▶ One Piece Solid Top
- ▶ Single Seal



Load capacity

B125



Product Code	Load Capacity	Clear Opening (mm)	Overall Size (mm)	Depth (mm)
C777STD	B125	600 x 600	700 x 700	40
C00759R	B125	600 dia	720 x 720	60

Note: All dimensions are approximate and are for reference only. All dimensions in mm.

Ductile Iron Covers

Solid Top Covers and Frames

Features

- ▶ Ductile Iron Cover and Frame
- ▶ Kitemarked to EN 124 Class D400kN
- ▶ Closed Keyways
- ▶ Black Bitumen Coated
- ▶ One Piece Solid Top
- ▶ Single Seal
- ▶ Hinged & Locking



Load capacity

D400



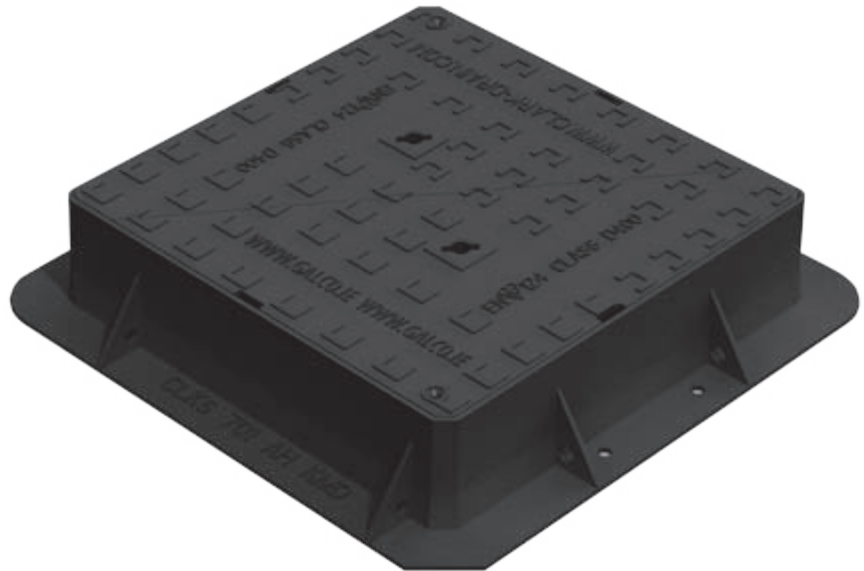
Product Code	Load Capacity	Clear Opening (mm)	Overall Size (mm)	Depth (mm)
C006HLR	D400	600 dia	700 x 700	100

Note: All dimensions are approximate and are for reference only. All dimensions in mm.

Double-Tri Non-Rock Covers

Features

- ▶ Ductile Iron Cover and Frame
- ▶ Kitemarked to EN 124 Class D400kN
- ▶ HA 104/02 Compliant
- ▶ Closed Keyways
- ▶ Black Bitumen Coated
- ▶ Non-Rock 3 Point Suspension



Load capacity

D400



Product Code	Load Capacity	Clear Opening (mm)	Overall Size (mm)	Depth (mm)
C701STD	D400	600 x 600	739 x 739	100
C701DEP	D400	600 x 600	739 x 739	150
C1659ST	D400	675 x 675	798 x 798	100
C1659DP	D400	675 x 675	798 x 798	150

Note: All dimensions are approximate and are for reference only. All dimensions in mm.

End Hinged Gully Grating

Dished Gully Grate C131DLK

Features

- ▶ Ductile Iron Gully Grating and Frame
- ▶ Kitemarked to EN 124 Class C250kN
- ▶ Black Bitumen Coated
- ▶ End Hinged
- ▶ Locking

Size

- ▶ 390mm x 315mm



Load capacity
C250



Note: All dimensions are approximate and are for reference only. All dimensions in mm.

End Hinged Gully Grating and Frames

Features

- ▶ Ductile Iron Gully Grating and Frame
- ▶ Kitemarked to EN 124 Class C250kN
- ▶ Black Bitumen Coated
- ▶ End Hinged
- ▶ Locking



Load capacity

C250



Product Code	Load Capacity	Clear Opening (mm)	Overall Size (mm)	Waterway Area (cm ²)	Depth (mm)
*C128STD	C250	336 x 308	483 x 390	628	75
C128STL	C250	336 x 308	483 x 390	628	75

* Anti-Theft Captive Hinge.

Note: All dimensions are approximate and are for reference only.

End Hinged Gully Grating and Frames

Features

- ▶ Ductile Iron Gully Grating and Frame
- ▶ Kitemarked to EN 124 Class D400kN
- ▶ Black Bitumen Coated
- ▶ HA104/02 Compliant
- ▶ End Hinged
- ▶ Anti-Theft Captive Hinge
- ▶ Non-Rock Wedge Seating



Load capacity

D400



Product Code	Load Capacity	Clear Opening (mm)	Overall Size (mm)	Waterway Area (cm ²)	Depth (mm)
C180KMD	D400	430 x 370	580 x 456	1080	100

Note: All dimensions are approximate and are for reference only.



Galco Steel Ltd

Galco House
Ballymount Road
Walkinstown
Dublin 12
Tel: 01 450 6671
Fax: 01 456 6213
info@galcosteel.ie



WWW.GALCOSTEEL.IE

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