

Modular Ducting Systems for All Applications

The ACO CABLEMATE ducting range is comprised of 3 types of modular ducting systems. All systems are easy-handled one metre units in a variety of different widths and depths. Covers are available in Polymer Concrete, mild steel or ductile iron to suit every application.

Applications

- Industrial sites.
- Railway stations.
- Exhibition centres.
- Airports.
- Petrol filling stations.
- Sports stadiums.
- Telecommunications.
- Power and air services.



The covers on the CK system can be easily secured by using the locking bar and screw which engages in recesses in the ducting wall.



The CS system is supplied with heavy duty ductile iron covers in 500mm lengths. Each cover is secured with four high tensile steel bolts, incorporating friction grip washers to deter the bolts from working loose under vibration.

Light duty CD type ducting



Medium duty CK type ducting



Heavy duty CS type ducting



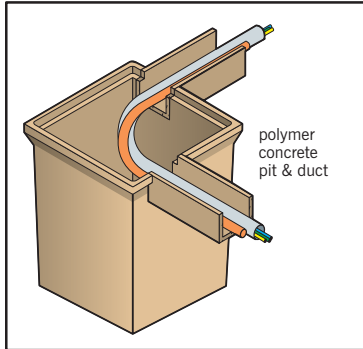
Features

- Manufactured throughout from strong, durable, Polymer Concrete.
- Modular interlocking male and female joints.
- Excellent dielectric properties.
- Lightweight with exceptional strength.
- Variety of covers in 3 different materials.
- Covers can be secured if required on CK systems.
- Resistant to chemicals and oils.
- Cost effective and easy installation.
- Heavy duty CS system capable of withstanding Class G 90 tonne loading.
- Continuous access when covers removed.



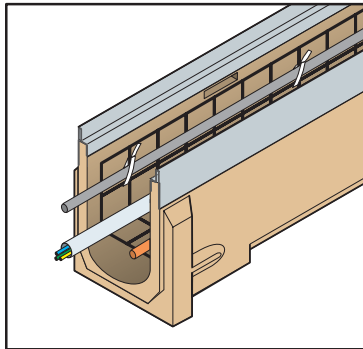
Change of Direction and Cable Joints

When small width surface ducting is installed it may be necessary to use Polymer Concrete electrical pits (see page 12) at points where joints are required or if the cables being carried in the duct require a large bending radius.



Cable Carriers

In the case of ducts which carry multiple cables it may be necessary to fit cable carriers into the ducts. Due to all ACO CABLEMATE ducting having continuous access it is possible to place a mesh carrier system into the duct as shown below. Alternatively, brackets may be attached to the duct walls during installation to support trays, carriers etc.



Large Ducting Systems

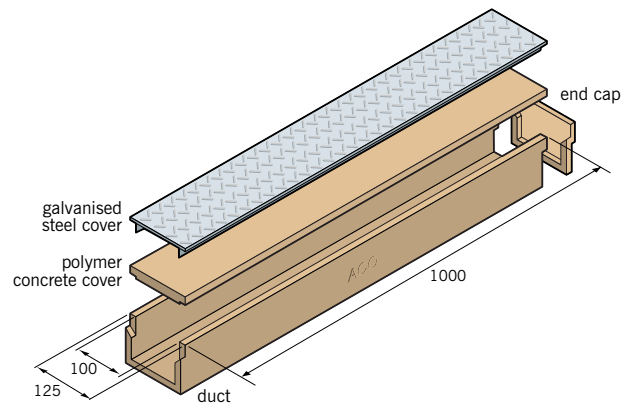
The maximum size modular ducting in the ACO CABLEMATE range is 300mm wide. If larger continuous ducts are required the ACO ACCESS continuous access cover system can be installed on top of in-situ trenches. For more details, please refer to the ACO ACCESS catalogue.

CD100 Ducting



1000mm x 100mm x 115mm depth

1000mm x 100mm x 165mm depth



Ducting Data

Description	Part No.	Weight kg
CD1210 Polymer Concrete Duct	75617	9.8
CD1215 Polymer Concrete Duct	75622	13.7

80kN
B

Cover Data

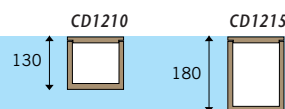
Description	Part No.	Weight kg
Polymer Concrete Cover	75639	5.1
Galvanised Steel Cover	75643	8.2

10kN
A

80kN
B

Accessories

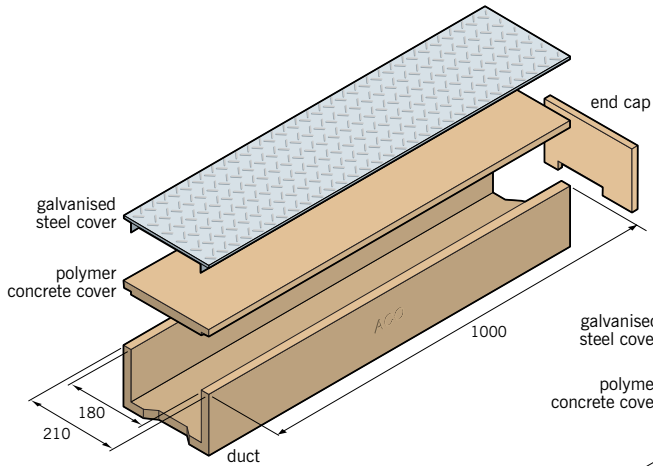
Description	Part No.	Weight kg
CD End cap to suit CD 100 Duct System	76625	1.0



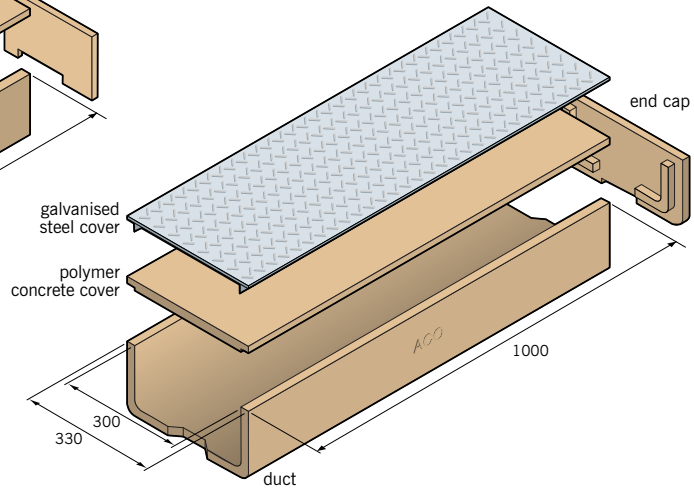
CD200 Ducting


1000mm x 180mm x 150mm depth

1000mm x 180mm x 275mm depth


CD300 Ducting


1000mm x 300mm x 165mm depth


Ducting Data

Description	Part No.	Weight kg
CD2115 Polymer Concrete Duct	75650	20.4
CD2127 Polymer Concrete Duct	75664	28.5

Ducting Data

Description	Part No.	Weight kg
CD3015 Polymer Concrete Duct	75733	20.5

**80kN
B**
**80kN
B**
Cover Data

Description	Part No.	Weight kg
Polymer Concrete Cover	75671	13.0
Galvanised Steel Cover	75688	16.0

Cover Data

Description	Part No.	Weight kg
Polymer Concrete Cover	75740	16.9
Galvanised Steel Cover	75754	18.8

**10kN
A**
**80kN
B**
**10kN
A**
**80kN
B**
37
Accessories

Description	Part No.	Weight kg
CD End Cap to suit CD 200 Duct System	76238	2.0

Accessories

Description	Part No.	Weight kg
CD End Cap to suit CD 300 Duct System	76619	2.1

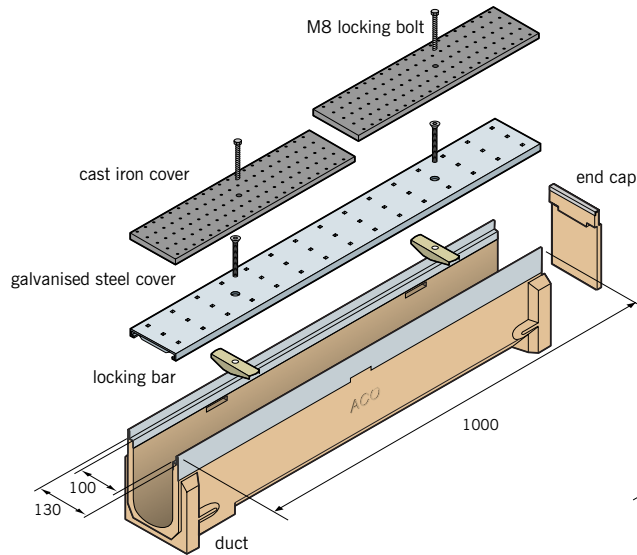


Ground Line

CK100 Ducting



1000mm x 100mm x various depths

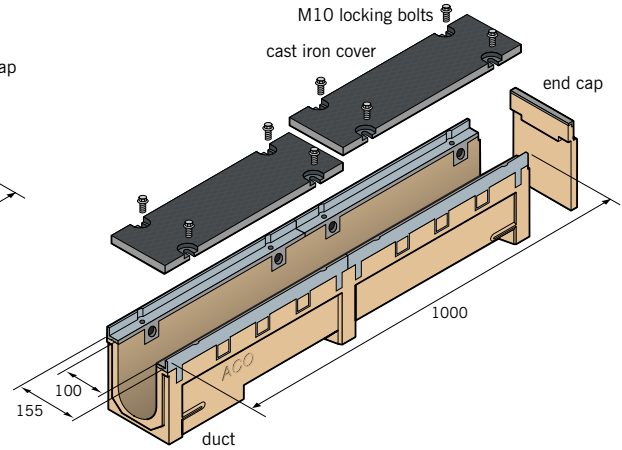


CS100 Ducting



Complete with Ductile Iron Cover

1000mm x 100mm x various depths



Ducting Data

Description	Part No.	Length mm	Width mm	Invert Depth mm	Weight kg
CK0100 Polymer Concrete Duct	76458	1000	100	85	11.1
CK010 Polymer Concrete Duct	76465	1000	100	166	18.8
CK020 Polymer Concrete Duct	76472	1000	100	226	22.7
CK030 Polymer Concrete Duct	76486	1000	100	286	26.6

150kN
C

Ducting Data

Description	Part No.	Length mm	Width mm	Invert Depth mm	Weight kg
CS00 Polymer Concrete Duct	76493	1000	100	106	33.8
CS010 Polymer Concrete Duct	02813	1000	100	166	38.4
CS020 Polymer Concrete Duct	02814	1000	100	226	43.0
CS030 Polymer Concrete Duct	02815	1000	100	286	47.6

900kN
G

Cover and Locking Bar Data

Description	Part No.	Length mm	Weight kg
Type 960 Galvanised Steel Cover	02590	1000	7.3
Type 963 Cast Iron Cover	04283	500	5.0

150kN
C

210kN
D

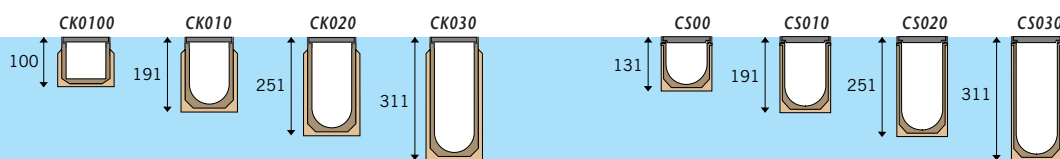
Accessories

Description	Part No.	Weight kg
CS100 End Cap to suit CS Ducting System	76642	1.4

Accessories

Description	Part No.	Weight kg
CK100 End cap to suit CK Ducting System	76637	1.4
Locking Bolt and Bar for Galvanised Steel Cover	07960	0.2
Locking Bolt and Bar for Cast Iron Cover	00069	0.2

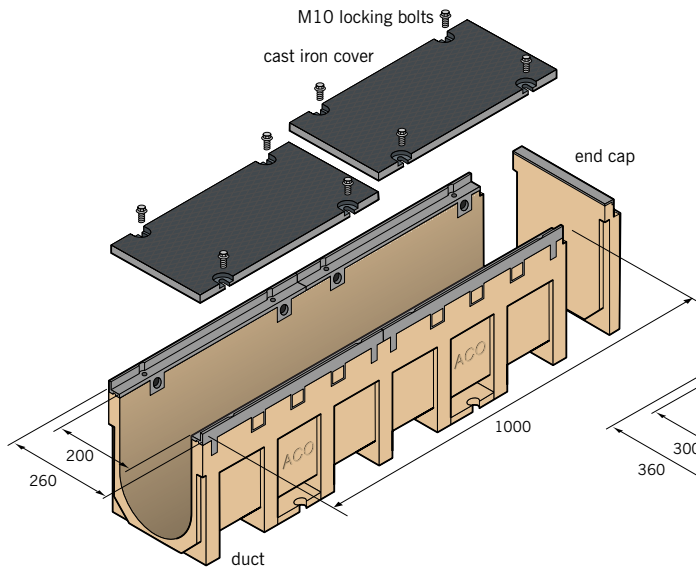
Ground Line



CS200 Ducting

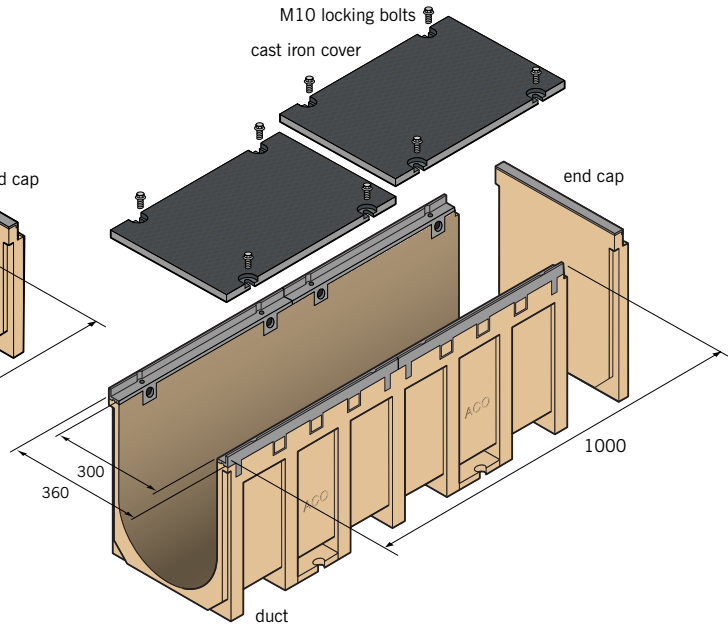

Complete with Ductile Iron Cover

1000mm x 200mm x various depths


CS300 Ducting


Complete with Ductile Iron Cover

1000mm x 300mm x various depths


Ducting Data

Description	Part No.	Length mm	Width mm	Invert Depth mm	Weight kg
CS2000 Polymer Concrete Duct	76537	1000	200	260	84.8
CS2010 Polymer Concrete Duct	76545	1000	200	310	89.6
CS2020 Polymer Concrete Duct	76552	1000	200	360	94.4

**900kN
G**
Ducting Data

Description	Part No.	Length mm	Width mm	Invert Depth mm	Weight kg
CS3000 Polymer Concrete Duct	76561	1000	300	370	120.9
CS3010 Polymer Concrete Duct	76578	1000	300	420	125.3
CS3020 Polymer Concrete Duct	76586	1000	300	470	129.7

**900kN
G**
Accessories

Description	Part No.	Weight kg
CS200 End cap to suit CS Ducting System	76659	4.1

Accessories

Description	Part No.	Weight kg
CS300 End cap to suit CS Ducting System	76663	5.5

39
