



BURDENS
AUSTRALIA



FOR THE AUSTRALIAN
CIVIL AND ELECTRICAL
INFRASTRUCTURE

Plastic Pit & Polymer
Concrete Pit Catalogue



Distributor of "Telstra Approved" Products



www.burdens.net.au

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iDS (Integrated Ducting Systems) is an internationally recognised brand providing solutions to the electrical market. Our global focus enables us to bring together the benefits of international experience with local products and partners to provide ongoing solutions in the Australian Infrastructure Market.

iDS has been supplying the Australian Electrical infrastructure market for over 20 years sourcing and providing the best in infrastructure materials from supply routes throughout the world. Our range of products are carefully chosen and tested to suit the demands and needs of the Electrical industry - from specifier through to end user. We work closely with our partners combining our market expertise to develop innovative designs and solutions matched with the flexibility of product options

As our range grows and develops, we ensure you keep costs under control by offering you the most cost effective product solutions. Our extensive product portfolio continues to grow and offers innovative solutions to multi utility markets, including telecommunications, CCTV, electrical, gas, oil, petrochemical and rail infrastructure.

Our staff have been carefully selected to ensure we meet your expectations. We pride ourselves on our service, value for money and integrity. Our extensive inventory allows us the flexibility to meet tight lead-times and provide a full product range.



In Australia there is currently no standard relating to pit performance. All pits are selected for their use which dictates their size and location.

The table below is based on loading classes as defined in AS3996 (road gully and inspection chamber covers) and AS14198 (precast access chambers for sewerage applications). This should be used as a guide for specifiers and installers on how to choose the correct cover for their application. Specifiers should contact iDS™ when specifying pits in areas subject to heavy traffic or substantial weight loadings.

| Standard | Usage | Plastic Pit | Polymer concrete pit | Cover Loadings | | | | | | EN 124 equivalent |
|----------|---|------------------------------|------------------------------|--|------------------|--------------------------------------|--------------------------------------|---|--|-------------------|
| | | | | Cement Concrete | Polymer Concrete | Fabricated steel chequer plate cover | iDS™ Fabricated steel recessed cover | Military application locked fabricated covers - chequer plate | Made to order, steel fabricated covers - contact iDS™ for more details | |
| A10kN | Areas (including footways) accessible only to pedestrians and cyclists, closed to other traffic (extra-light duty) | Dependent on choice of cover | Dependent on choice of cover | | | | | | | Class A 15kN |
| B80kN | Areas (including footways and light tractor paths) accessible to vehicles (excluding commercial vehicles) or livestock (light duty) | | | | | | | | | Class B 125kN |
| C150kN | Malls and areas open to slow moving commercial vehicles (medium duty) | | | | | | | | | Class C 250kN |
| D210kN | Carriageways of roads and areas open to commercial vehicles (heavy duty) | | | Contact iDS™ for further information when specifying these products email: sales@burdens.net.au | | | | | | Class D 400kN |
| E400kN | General docks and aircraft pavements (extra heavy duty - E) | | | | | | | | | Class E 600kN |
| F600kN | Docks and aircraft pavements subject to high wheel loads (extra heavy duty - F) | | | | | | | | | Class F 900kN |
| G900kN | Docks and aircraft pavements subject to high wheel loads (extra heavy duty - F) | | | | | | | | | |

| Standard | Usage | Cover Loadings | | | | EN 124 Equivalent |
|----------|--|--|---|---|---|-------------------------------|
| L | Light duty access covers for use on footways where it is possible for light vehicles and animals to mount the footway e.g. tractors and livestock. | iDS™ Access recessed covers - fabricated steel | Chequer plate covers - Fabricated steel | Locked chequer plate steel covers - military type | Special made to order covers - fabricated steel | Class A 15kN Class B 125kN |
| M | Medium duty access covers for pedestrian use and occasionally open to vehicles not exceeding 3.7 tonnes loaded | | | | | Class C 250kN |
| H | Heavy duty access covers in carriageways open to vehicles with loads not exceeding 7 tonnes | | | | | |



iDS™ PC Electrical Cable Pits

Polymer concrete is a versatile pit material proving longevity in a range of different conditions. Once installed, polymer concrete is extremely robust with a comprehensive strength higher than traditional concrete. Polymer provides a chemically resistant solution with excellent thermal properties.

Typical Applications

- Carparks
- Pavements
- Driveways
- Sports venues
- Industrial sites
- Urban distribution
- Airports
- Railways

Features

- Polymer Concrete is a tried and tested material that is strong and robust; a key element for specification where needed.
- Polymer Concrete is an inert product, it is not readily reactive with other elements and is resistant to chemical and organic matter.
- A major strength of Polymer Concrete is zero water absorption. This means no ingress of water in these systems.
- Polymer Concrete's heat resistance is high, up to 70°C (resin HDT). Use in extreme temperature conditions has no detrimental effects to Polymer Concrete pits.
- Polymer Concrete pits can be cut using appropriate cutting tools including diamond core drills and or masonry drills or grinders (it is advisable to risk assess this operation to ensure staff are adequately trained ensuring adequate ventilation is available and safety equipment worn at all times).
- Polymer Concrete is an excellent insulator. This means it will not conduct electricity, and therefore, is an ideal material to specify in installations where problems may exist.

Installation

When installing an iDS™ Polymer Concrete pit the following should be taken into consideration:

1. Cover type
2. Pit/duct type and size
3. A minimum grade of 25MPa correctly sized concrete bed and surround.

Polymer Concrete pits installed in trafficable areas must conform to the minimum cement concrete dimensions as specified by iDS™ - please contact iDS™ for details.

Engineering advice should be requested for certain applications. All installations should conform to accepted building standards. In trafficable areas the surface of the cement or concrete surround or pavement if asphalted to the edge of the pit must be finished 3mm above the pit/cover edge.

PLEASE NOTE: For flexible pavement applications involving the installation of an access cover, a temporary base haunch should be provided to protect the exposed edge frame from construction traffic.

Technical Specification

| Polymer Concrete | |
|---------------------------------------|--|
| Compressive strength: | 96MPa C-579 |
| Flexural strength: | 27MPa C-580 |
| Tensile strength: | 21Mpa C-307 |
| Water absorption: | +0.07% C-97 |
| Freeze-thaw: | 300 cycles modulus of elasticity 95.1% C-666 |
| Coefficient of expansion/contraction: | 46.6 x 10 ⁻⁶ per °C E831 |
| Water vapor transmission: | WVT 0.0364g/m ² - 1,592hrs |
| Surface burning: | Flames spread: 0 Smoke density: 5 E84 |
| Weathering: | 2000hr exposure no change G-153 |
| Coefficient of friction (Mannings): | n=0.011 |
| Chemical resistance | Good |



iDS™ HDPE Electrical Cable Pits

High Density Polyethylene is a mouldable plastic which can be formed into almost any shape. iDS™ pits utilise an established and trusted method to produce an effective, strong and durable pit with installation and operative solutions in mind. In addition HDPE pits are extremely lightweight, providing on site manual handling solutions for a Health and Safety conscious design which makes the iDS™ plastic pit range the right choice for specifiers.

Typical Applications

- Landscape areas
- Sports fields
- Pavements
- Lighting pits
- Domestic environments
- Accidental trafficable locations
- CCTV

Features

- HDPE material features high organism and chemical resistance. The system design will have a greatly reduced risk of attack from chemical and biological elements.
- HDPE is easy to cut, it provides simple and safe solutions for ducting access. (It is advisable to risk assess this operation to ensure staff are adequately trained, safety equipment is worn at all times and ensure adequate ventilation is available).
- HDPE when moulded will not absorb water as all pits are designed to be watertight (provided all other or mechanical entries are sealed during installation).
- HDPE is an excellent insulator. This means it will not conduct electricity, and therefore, is an ideal material to specify in installations where problems may exist.
- HDPE is lightweight. As markets require ever-increasing demands on efficiencies, this material offers the ability to be carried, stored and handled in much larger volumes, and should offer through specification a lower carbon footprint.
- When moulded into technically structured units HDPE offers the specifier the unique opportunity to reduce cost through breakage and reduce the risk of Health and Safety issues which can arise from the use of much heavier systems

Technical Specification

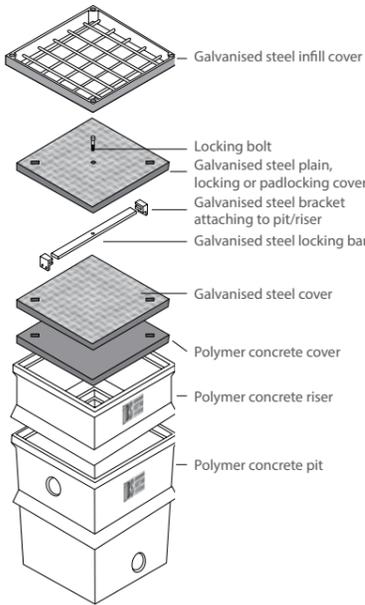
| HDPE | |
|-------------------------------------|---|
| Compressive strength: | 58MPa D-695 |
| Flexural strength: | 15MPa D-790 |
| Tensile strength: | 14Mpa D638 |
| Water absorption: | +0.31% D-570 |
| Water vapour transmission: | WVT 0.1392g/m ² - 1,592hrs E96 |
| Coefficient of friction (Mannings): | n=0.010 |
| Chemical resistance | Good |



All available with a full range of cover options including concrete, galvanised steel, composite and ductile iron. All badged, NBN, Telstra, Electrical, Communications etc.

PC33 Polymer Concrete Pit Combinations - 300x300 Clear Opening

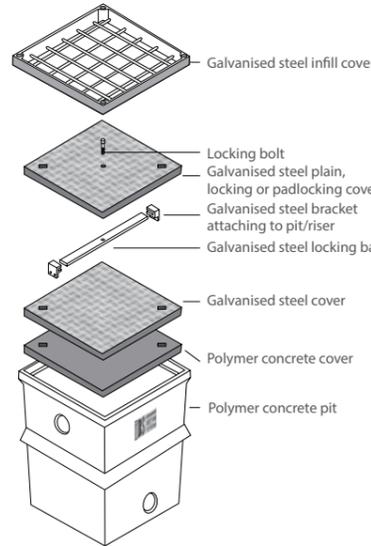
■ Class A rating
 ■ Class B rating
 ■ Class D rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS PCP33 | PC33 Polymer Concrete Pit | 19 | 374 | 374 | 450 | 300 x 300 |
| iDS PCPL33 | PC33 Polymer Concrete Pit - Locking | 20 | 374 | 374 | 450 | 300 x 300 |
| RISER DATA | | | | | | |
| iDS PCR33 | PC33 Polymer Concrete Riser | 16.5 | 374 | 374 | 300 | 300 x 300 |
| iDS PCRL33 | PC33 Polymer Concrete Riser - Locking | 17.5 | 374 | 374 | 300 | 300 x 300 |
| COVER DATA | | | | | | |
| iDS 33PCAB | PC33 Polymer Concrete Cover - Blank | 5.2 | 340 | 340 | 32 | 300 x 300 |
| iDS 33PCAC | PC33 Polymer Concrete Cover - Communications | 5.2 | 340 | 340 | 32 | 300 x 300 |
| iDS 33PCAE | PC33 Polymer Concrete Cover - Electrical | 5.2 | 340 | 340 | 32 | 300 x 300 |
| iDS 33GCB | PC33 Galvanised Steel Cover | 7.5 | 340 | 340 | 32 | 300 x 300 |
| iDS 33LGCB | PC33 Galvanised Steel Cover - Locking | 8.3 | 340 | 340 | 32 | 300 x 300 |
| iDS 33PLGCB | PC33 Galvanised Steel Cover - Padlocking | 9.8 | 340 | 340 | 32 | 300 x 300 |
| iDS 300300UGC | 300x300c/o 1pt Urban-Classic Steel infill Cover 'B' Class | 16 | 410 | 410 | 80 | 300 x 300 |
| iDSG C3030DS | Ductile Iron Solid Top Cover | 38 | 380 | 380 | 55 | 300 x 300 |
| iDSG C3030DI | Ductile Iron Infill Cover | 38 | 380 | 380 | 55 | 300 x 300 |

PC63 Polymer Concrete Pit Combinations - 600x300 Clear Opening

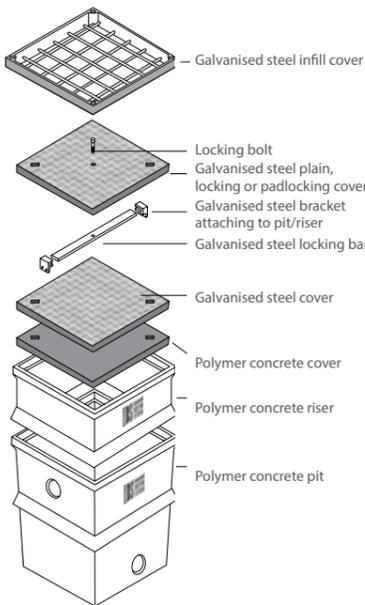
■ Class A rating
 ■ Class B rating
 ■ Class D rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS PCP63 | PC63 Polymer Concrete Pit | 50 | 660 | 360 | 735 | 600 x 300 |
| iDS PCPL63 | PC63 Polymer Concrete Pit - Locking | 51 | 660 | 360 | 735 | 600 x 300 |
| COVER DATA | | | | | | |
| iDS 63PCAB | PC63 Polymer Concrete Cover - Blank | 20 | 625 | 324 | 21 | 600 x 300 |
| iDS 63PCAC | PC63 Polymer Concrete Cover - Communications | 20 | 625 | 324 | 21 | 600 x 300 |
| iDS 63PCAE | PC63 Polymer Concrete Cover - Electrical | 20 | 625 | 324 | 21 | 600 x 300 |
| iDS 63GCB | PC63 Galvanised Steel Cover | 11 | 625 | 324 | 21 | 600 x 300 |
| iDS 63LGCB | PC63 Galvanised Steel Cover - Locking | 12.1 | 625 | 324 | 21 | 600 x 300 |
| iDS 63PLGCB | PC63 Galvanised Steel Cover - Padlocking | 13.5 | 625 | 324 | 21 | 600 x 300 |
| iDS 600400UGC | 600x400c/o 1pt Urban-Classic Steel infill Cover 'B' Class | 25 | 710 | 510 | 80 | 600 x 400 |
| iDSG C6045DS | Ductile Iron Solid Top Cover | 73 | 810 | 660 | 105 | 600 x 450 |
| iDSG C6045DI | Ductile Iron Infill Cover | 74 | 815 | 665 | 105 | 600 x 450 |

PC45 Polymer Concrete Pit Combinations - 450x450 Clear Opening

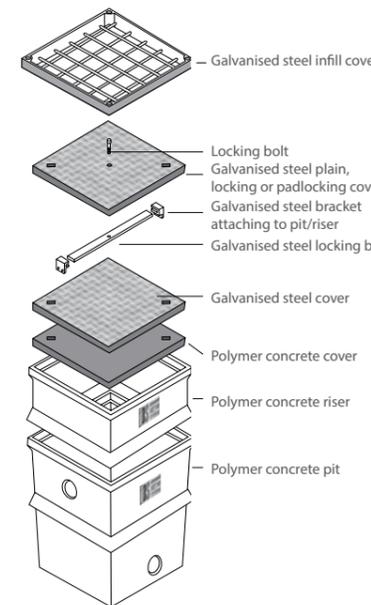
■ Class A rating
 ■ Class B rating
 ■ Class D rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS PCP45 | PC45 Polymer Concrete Pit | 44 | 526 | 526 | 600 | 450 x 450 |
| iDS PCPL45 | PC45 Polymer Concrete Pit - Locking | 45 | 526 | 526 | 600 | 450 x 450 |
| RISER DATA | | | | | | |
| iDS PCR45 | PC45 Polymer Concrete Riser | 31.5 | 526 | 526 | 300 | 450 x 450 |
| iDS PCRL45 | PC45 Polymer Concrete Riser - Locking | 32.5 | 526 | 526 | 300 | 450 x 450 |
| COVER DATA | | | | | | |
| iDS 45PCAB | PC45 Polymer Concrete Cover - Blank | 15.8 | 492 | 492 | 50 | 450 x 450 |
| iDS 45PCAC | PC45 Polymer Concrete Cover - Communications | 15.8 | 492 | 492 | 50 | 450 x 450 |
| iDS 45PCAE | PC45 Polymer Concrete Cover - Electrical | 15.8 | 492 | 492 | 50 | 450 x 450 |
| iDS 45GCB | PC45 Galvanised Steel Cover | 16 | 492 | 492 | 50 | 450 x 450 |
| iDS 45LGCB | PC45 Galvanised Steel Cover - Locking | 17.1 | 492 | 492 | 50 | 450 x 450 |
| iDS 45PLGCB | PC45 Galvanised Steel Cover - Padlocking | 18.7 | 492 | 492 | 50 | 450 x 450 |
| iDS 450450UGC | 450x450c/o 1pt Urban-Classic Steel infill Cover 'B' Class | 23 | 560 | 560 | 80 | 450 x 450 |
| iDSG C4545DS | Ductile Iron Solid Top Cover | 57 | 600 | 600 | 55 | 450 x 450 |
| iDSG C4545DI | Ductile Iron Infill Cover | 57 | 600 | 600 | 55 | 450 x 450 |

PC66 Polymer Concrete Pit Combinations - 600x600 Clear Opening

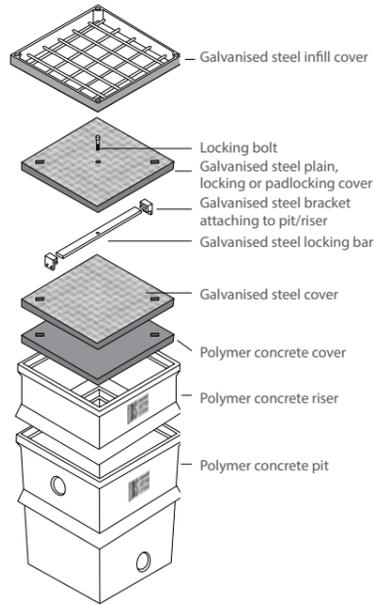
■ Class A rating
 ■ Class B rating
 ■ Class D rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS PCP66 | PC66 Polymer Concrete Pit | 64.5 | 677 | 677 | 615 | 600 x 600 |
| iDS PCPL66 | PC66 Polymer Concrete Pit - Locking | 65.5 | 677 | 677 | 615 | 600 x 600 |
| RISER DATA | | | | | | |
| iDS PCR66 | PC66 Polymer Concrete Riser | 41.5 | 677 | 677 | 300 | 600 x 600 |
| iDS PCRL66 | PC66 Polymer Concrete Riser - Locking | 42.5 | 677 | 677 | 300 | 600 x 600 |
| COVER DATA | | | | | | |
| iDS 66PCAB | PC66 Polymer Concrete Cover - Blank | 24 | 642 | 642 | 50 | 600 x 600 |
| iDS 66PCAC | PC66 Polymer Concrete Cover - Communications | 24 | 642 | 642 | 50 | 600 x 600 |
| iDS 66PCAE | PC66 Polymer Concrete Cover - Electrical | 24 | 642 | 642 | 50 | 600 x 600 |
| iDS 66GCB | PC66 Galvanised Steel Cover | 25.5 | 642 | 642 | 50 | 600 x 600 |
| iDS 66LGCB | PC66 Galvanised Steel Cover - Locking | 26.6 | 642 | 642 | 50 | 600 x 600 |
| iDS 66PLGCB | PC66 Galvanised Steel Cover - Padlocking | 27 | 642 | 642 | 50 | 600 x 600 |
| iDS 600600UGC | 600x600c/o 1pt Urban-Classic Steel infill Cover 'B' Class | 30 | 710 | 710 | 80 | 600 x 600 |
| iDSG C6060DS | Ductile Iron Solid Top Cover | 79 | 810 | 810 | 105 | 600 x 600 |
| iDSG C6060DI | Ductile Iron Infill Cover | 97 | 815 | 815 | 105 | 600 x 600 |

PC96 Polymer Concrete Pit Combinations - 900x600 Clear Opening

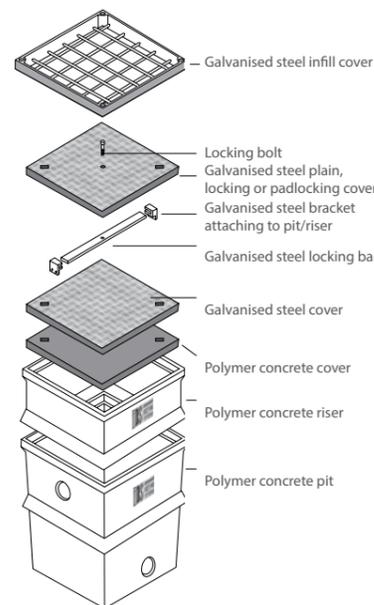
Class A rating
 Class B rating
 Class D rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|--|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS PCP96 | PC96 Polymer Concrete Pit | 93 | 985 | 685 | 600 | 900 x 600 |
| iDS PCPL96 | PC96 Polymer Concrete Pit - Locking | 94 | 985 | 685 | 600 | 900 x 600 |
| RISER DATA | | | | | | |
| iDS PCR96 | PC96 Polymer Concrete Riser | 52 | 985 | 685 | 300 | 900 x 600 |
| iDS PCRL96 | PC96 Polymer Concrete Riser - Locking | 53 | 985 | 685 | 300 | 900 x 600 |
| COVER DATA | | | | | | |
| iDS 96PCAB | PC96 Polymer Concrete Cover 2pt - Blank | 39.2 | 942 | 642 | 50 | 900 x 600 |
| iDS 96PCAC | PC96 Polymer Concrete Cover 2pt - Communications | 39.2 | 942 | 642 | 50 | 900 x 600 |
| iDS 96PCAE | PC96 Polymer Concrete Cover 2pt - Electrical | 39.2 | 942 | 642 | 50 | 900 x 600 |
| (THE ABOVE COVERS COMPRISE OF 2 COVERS & T SUPPORT) | | | | | | |
| iDS 96GCB | PC96 Galvanised Steel Cover | 39 | 942 | 642 | 50 | 900 x 600 |
| iDS 96LGCB | PC96 Galvanised Steel Cover - Locking | 40.1 | 942 | 642 | 50 | 900 x 600 |
| iDS 96PLGCB | PC96 Galvanised Steel Cover - Padlocking | 42.1 | 942 | 642 | 50 | 900 x 600 |
| iDS 900600UGC | 900x600c/o 1pt Urban-Classic Steel infill Cover 'B' Class | 37 | 1010 | 710 | 80 | 900 x 600 |
| iDSG 9060DS | Ductile Iron Solid Top Cover | 111 | 1115 | 815 | 105 | 900 x 600 |
| iDSG 9060DI | Ductile Iron Infill Cover | 111 | 1135 | 835 | 125 | 900 x 600 |

PC99 Polymer Concrete Pit Combinations - 900x900 Clear Opening

Class A rating
 Class B rating
 Class D rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|--|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS PCP99 | PC99 Polymer Concrete Pit | 135 | 1006 | 1006 | 600 | 900 x 900 |
| iDS PCPL99 | PC99 Polymer Concrete Pit - Locking | 136 | 1006 | 1006 | 600 | 900 x 900 |
| RISER DATA | | | | | | |
| iDS PCR99 | PC99 Polymer Concrete Riser | 82.5 | 1006 | 1006 | 300 | 900 x 900 |
| iDS PCRL99 | PC99 Polymer Concrete Riser - Locking | 83.5 | 1006 | 1006 | 300 | 900 x 900 |
| COVER DATA | | | | | | |
| iDS 99PCAB | PC99 Polymer Concrete Cover - Blank | 84.7 | 944 | 944 | 65 | 900 x 900 |
| iDS 99PCAC | PC99 Polymer Concrete Cover - Communications | 84.7 | 944 | 944 | 65 | 900 x 900 |
| iDS 99PCAE | PC99 Polymer Concrete Cover - Electrical | 84.7 | 944 | 944 | 65 | 900 x 900 |
| (THE ABOVE COVERS COMPRISE OF 2 COVERS & T SUPPORT) | | | | | | |
| iDS 99GCB | PC99 Galvanised Steel Cover | 58 | 944 | 944 | 65 | 900 x 900 |
| iDS 99LGCB | PC99 Galvanised Steel Cover - Locking | 60.6 | 944 | 944 | 65 | 900 x 900 |
| iDS 99PLGCB | PC99 Galvanised Steel Cover - Padlocking | 62.8 | 944 | 944 | 65 | 900 x 900 |
| iDS 900900UGC | 900x900c/o 1pt Urban-Classic Steel infill Cover 'B' Class | 45 | 1010 | 1010 | 80 | 900 x 900 |
| iDSG 9090DS | Ductile Iron Solid Top Cover | 137 | 1115 | 1115 | 105 | 900 x 900 |
| iDSG 9090DI | Ductile Iron Infill Cover | 135 | 1135 | 1135 | 125 | 900 x 900 |

P1 HDPE Pit Combinations - 420x160 Clear Opening

Class A rating
 Class B rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P1 | P1 HDPE Pit | 4 | 515 | 235 | 400 | 420 x 160 |
| COVER DATA | | | | | | |
| iDS 1B | P1 Cement Concrete Cover - Blank | 8 | 470 | 195 | 38 | 420 x 160 |
| iDS 1C | P1 Cement Concrete Cover - Communications | 8 | 470 | 195 | 38 | 420 x 160 |
| iDS 1E | P1 Cement Concrete Cover - Electrical | 8 | 470 | 195 | 38 | 420 x 160 |
| iDS 1GCB | P1 Galvanised Steel Cover | 5 | 470 | 195 | 38 | 420 x 160 |

P2 HDPE Pit Combinations - 555x185 Clear Opening

Class A rating
 Class B rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P2 | P2 HDPE Pit | 6 | 660 | 285 | 570 | 555 x 185 |
| COVER DATA | | | | | | |
| iDS 2B | P2 Cement Concrete Cover - Blank | 17 | 608 | 242 | 38 | 555 x 185 |
| iDS 2C | P2 Cement Concrete Cover - Communications | 17 | 608 | 242 | 38 | 555 x 185 |
| iDS 2E | P2 Cement Concrete Cover - Electrical | 17 | 608 | 242 | 38 | 555 x 185 |
| iDS 2T | P2 Cement Concrete Cover - Telstra | 17 | 608 | 242 | 38 | 555 x 185 |
| iDS 2GCB | P2 Galvanised Steel Cover | 7 | 608 | 242 | 38 | 555 x 185 |

P3 HDPE Pit Combinations - P3 440x250 Clear Opening

Class A rating
 Class B rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P3 | P3 HDPE Pit | 4 | 575 | 350 | 520 | 440 x 250 |
| iDS PL3 | P3 HDPE Pit - Locking | 5 | 575 | 350 | 520 | 440 x 250 |
| COVER DATA | | | | | | |
| iDS 3B | P3 Cement Concrete Cover - Blank | 17 | 495 | 270 | 50 | 440 x 250 |
| iDS 3C | P3 Cement Concrete Cover - Communications | 17 | 495 | 270 | 50 | 440 x 250 |
| iDS 3E | P3 Cement Concrete Cover - Electrical | 17 | 495 | 270 | 50 | 440 x 250 |
| iDS 3GCB | P3 Galvanised Steel Cover | 8.7 | 495 | 270 | 50 | 440 x 250 |
| iDS 3LGCB | P3 Galvanised Steel Cover - Locking | 9.7 | 495 | 270 | 50 | 440 x 250 |
| iDS 3PLGCB | P3 Galvanised Steel Cover - Padlocking | 11.4 | 495 | 270 | 50 | 440 x 250 |

VP3 HDPE Pit Combinations - VP3 676x243 Clear Opening

Class A rating
 Class B rating



| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|--|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS VP3 | VP3 HDPE Pit | 9 | 771 | 345 | 630 | 676 x 243 |
| COVER DATA | | | | | | |
| iDS 3VB | VP3 Cement Concrete Cover - Blank | 26 | 730 | 298 | 50 | 676 x 243 |
| iDS 3VC | VP3 Cement Concrete Cover - Communications | 26 | 730 | 298 | 50 | 676 x 243 |
| iDS 3VE | VP3 Cement Concrete Cover - Electrical | 26 | 730 | 298 | 50 | 676 x 243 |
| iDS 3VGC | VP3 Galvanised Steel Cover | 13.2 | 730 | 298 | 50 | 676 x 243 |

P4 HDPE Pit Combinations - 595x295 Clear Opening

Class A rating
 Class B rating
 Class D rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P4 | P4 HDPE Pit | 8 | 700 | 400 | 810 | 595 x 295 |
| iDS PL4 | P4 HDPE Pit - Locking | 9 | 700 | 400 | 810 | 595 x 295 |
| RISER DATA | | | | | | |
| iDS R4 | P4 HDPE Riser | 4 | 700 | 400 | 235 | 595 x 295 |
| iDS RL4 | P4 HDPE Riser - Locking | 5 | 700 | 400 | 235 | 595 x 295 |
| COVER DATA | | | | | | |
| iDS 4B | P4 Cement Concrete Cover - Blank | 27 | 650 | 345 | 50 | 595 x 295 |
| iDS 4C | P4 Cement Concrete Cover - Communications | 27 | 650 | 345 | 50 | 595 x 295 |
| iDS 4E | P4 Cement Concrete Cover - Electrical | 27 | 650 | 345 | 50 | 595 x 295 |
| iDS 4E.MRWA | P4 Cement Concrete Cover - Main Road Electrical | 27 | 650 | 345 | 50 | 595 x 295 |
| iDS 4C.MRWA | P4 Cement Concrete Cover - Main Road Communications | 27 | 650 | 245 | 50 | 595 x 295 |
| iDS 4GCB | P4 Galvanised Steel Cover | 15.5 | 650 | 345 | 50 | 595 x 295 |
| iDS 4LGCB | P4 Galvanised Steel Cover - Locking | 16.6 | 650 | 345 | 50 | 595 x 295 |
| iDS 4PLGCB | P4 Galvanised Steel Cover - Padlocking | 17.9 | 650 | 345 | 50 | 595 x 295 |
| iDS 600400UGC | 600x400c/o 1pt Urban-Classic Steel infill Cover 'B' Class | 25 | 710 | 510 | 80 | 600 x 400 |
| iDSG C6045DS | Ductile Iron Solid Top Cover | 73 | 810 | 660 | 105 | 600 x 450 |
| iDSG C6045DI | Ductile Iron Infill Cover | 74 | 815 | 665 | 105 | 600 x 450 |



P6 HDPE Pit Combinations - 1260x435 Clear Opening

Class A rating
 Class B rating
 Class D rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|--|--|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P6 | P6 HDPE Pit | 35 | 1365 | 550 | 670 | 1260 x 435 |
| RISER DATA | | | | | | |
| iDS R6/8 | P6/8 HDPE Riser | 15 | 1395 | 580 | 280 | 1260 x 435 |
| iDS RL6/8 | P6/8 HDPE Riser - Locking | 16 | 1395 | 580 | 280 | 1260 x 435 |
| COVER DATA | | | | | | |
| iDS 6/8B | P6/8 Cement Concrete Cover 2pt - Blank | 81 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 6/8C | P6/8 Cement Concrete Cover 2pt - Communications | 81 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 6/8E | P6/8 Cement Concrete Cover 2pt - Electrical | 81 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 6/8NBN | P6/8 Cement Concrete Cover 2pt - NBN | 81 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 6/8TB | P6/8 Composite Cover 2pt - Telstra | 55 | 1310 | 500 | 50 | 1260 x 435 |
| (THE ABOVE COVERS COMPRISE OF 2 COVERS & T SUPPORT) | | | | | | |
| iDS 6/8GCB | P6/8 Galvanised Steel Cover | 43 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 6/8LGCB | P6/8 Galvanised Steel Cover - Locking | 44.7 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 6/8PLGC | P6/8 Galvanised Steel Cover - Padlocking | 46 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 1320450UGC | 1320x450c/o 1pt Urban-Classic Steel Infill Cover 'B' Class | 36 | 1430 | 560 | 80 | 1320 x 450 |
| Ductile Iron Solid Top and Infill 2 part Covers available on request | | | | | | |



P5 HDPE Pit Combinations - 595x335 Clear Opening

Class A rating
 Class B rating
 Class D rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P5 | P5 HDPE Pit | 8.5 | 705 | 455 | 635 | 595 x 335 |
| iDS PL5 | P5 HDPE Pit - Locking | 9.5 | 705 | 455 | 635 | 595 x 335 |
| iDS DP5 | P5 HDPE Pit 800 | 15 | 705 | 455 | 800 | 595 x 335 |
| iDS DPL5 | P5 HDPE Pit 800 - Locking | 15 | 705 | 455 | 800 | 595 x 335 |
| iDS SP5 | P5 HDPE Split Pit | 9 | 713 | 455 | 630 | 585 x 320 |
| RISER DATA | | | | | | |
| iDS R5 | P5 HDPE Riser | 5 | 705 | 455 | 235 | 595 x 335 |
| iDS RL5 | P5 HDPE Riser Locking | 6 | 705 | 455 | 235 | 595 x 335 |
| COVER DATA | | | | | | |
| iDS 5B | P5 Cement Concrete Cover - Blank | 30 | 650 | 395 | 50 | 595 x 335 |
| iDS 5C | P5 Cement Concrete Cover - Communications | 30 | 650 | 395 | 50 | 595 x 335 |
| iDS 5E | P5 Cement Concrete Cover - Electrical | 30 | 650 | 395 | 50 | 595 x 335 |
| iDS 5TB | P5 Composite Cover - Telstra | 20 | 650 | 395 | 50 | 595 x 335 |
| iDS 5GCB | P5 Galvanised Steel Cover | 17 | 650 | 395 | 50 | 595 x 335 |
| iDS 5LGCB | P5 Galvanised Steel Cover - Locking | 18.1 | 650 | 395 | 50 | 595 x 335 |
| iDS 5PLGCB | P5 Galvanised Steel Cover - Padlocking | 19.9 | 650 | 395 | 50 | 595 x 335 |
| iDS 600400UGC | 600x400c/o 1pt Urban-Classic Steel Infill Cover 'B' Class | 25 | 710 | 510 | 80 | 600 x 400 |
| iDSG C6045DS | Ductile Iron Solid Top Cover | 73 | 810 | 660 | 105 | 600 x 450 |
| iDSG C6045DI | Ductile Iron Infill Cover | 74 | 815 | 665 | 105 | 600 x 450 |



P7 HDPE Pit Combinations - 885x425 Clear Opening

Class A rating
 Class B rating
 Class D rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|--|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P7 | P7 HDPE Pit | 33 | 1030 | 570 | 1130 | 885 x 425 |
| iDS PL7 | P7 HDPE Pit - Locking | 34 | 1030 | 570 | 1130 | 885 x 425 |
| RISER DATA | | | | | | |
| iDS R7 | P7 HDPE Pit Riser | 13 | 1030 | 570 | 280 | 885 x 425 |
| iDS RL7 | P7 HDPE Pit Riser - Locking | 14 | 1030 | 570 | 280 | 885 x 425 |
| COVER DATA | | | | | | |
| iDS 7B | P7 Cement Concrete Cover 2pt - Blank | 63 | 960 | 495 | 50 | 885 x 425 |
| iDS 7C | P7 Cement Concrete Cover 2pt - Communications | 63 | 960 | 495 | 50 | 885 x 425 |
| iDS 7E | P7 Cement Concrete Cover 2pt - Electrical | 63 | 960 | 495 | 50 | 885 x 425 |
| (THE ABOVE COVERS COMPRISE OF 2 COVERS & T SUPPORT) | | | | | | |
| iDS 7GCB | P7 Galvanised Steel Cover | 28.5 | 960 | 500 | 50 | 885 x 425 |
| iDS 7LGCB | P7 Galvanised Steel Cover - Locking | 29.6 | 960 | 500 | 50 | 885 x 425 |
| iDS 7PLGCB | P7 Galvanised Steel Cover - Padlocking | 31.1 | 960 | 500 | 50 | 885 x 425 |
| Ductile Iron Solid Top and Infill 2 part Covers available on request | | | | | | |



P8 HDPE Pit Combinations - 1260x435 Clear Opening

Class A rating
 Class B rating
 Class D rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|--|--|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P8 | P8 HDPE Pit | 43 | 1365 | 545 | 895 | 1260 x 435 |
| RISER DATA | | | | | | |
| iDS R6/8 | P6/8 HDPE Riser | 15 | 1395 | 580 | 280 | 1260 x 435 |
| iDS RL6/8 | P6/8 HDPE Riser - Locking | 16 | 1395 | 580 | 280 | 1260 x 435 |
| COVER DATA | | | | | | |
| iDS 6/8B | P6/8 Cement Concrete Cover 2pt - Blank | 81 | 1395 | 500 | 50 | 1260 x 435 |
| iDS 6/8C | P6/8 Cement Concrete Cover 2pt - Communications | 81 | 1395 | 500 | 50 | 1260 x 435 |
| iDS 6/8E | P6/8 Cement Concrete Cover 2pt - Electrical | 81 | 1395 | 500 | 50 | 1260 x 435 |
| iDS 6/8NBN | P6/8 Cement Concrete Cover 2pt - NBN | 81 | 1395 | 500 | 50 | 1260 x 435 |
| iDS 6/8TB | P6/8 Composite Cover 2pt - Telstra | 55 | 1395 | 500 | 50 | 1260 x 432 |
| (THE ABOVE COVERS COMPRISE OF 2 COVER & T SUPPORT) | | | | | | |
| iDS 6/8GCB | P6/8 Galvanised Steel Cover | 43 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 6/8LGCB | P6/8 Galvanised Steel Cover - Locking | 44.7 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 6/8PLGCB | P6/8 Galvanised Steel Cover - Padlocking | 46 | 1310 | 500 | 50 | 1260 x 435 |
| iDS 1320450UGC | 1320x450c/o 2pt Urban-Classic Steel Infill Cover 'B' Class | 36 | 1430 | 560 | 80 | 1320 x 450 |
| Ductile Iron Solid Top and Infill 2 part Covers available on request | | | | | | |



P55 PP Pit Combinations - 450 x 450

Class A rating
 Class B rating
 Class D rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P55 | P55 PP Pit | 5.6 | 560 | 560 | 505 | 450 x 450 |
| iDS PL55 | P55 PP Pit - Locking | 6.2 | 560 | 560 | 505 | 450 x 450 |
| RISER DATA | | | | | | |
| iDS R55 | P55 PP Riser | 5 | 560 | 560 | 300 | 450 x 450 |
| iDS RL55 | P55 PP Riser - Locking | 6 | 560 | 560 | 300 | 450 x 450 |
| COVER DATA | | | | | | |
| iDS 55PCAB | P55 Polymer Concrete Cover - Blank | 17 | 545 | 545 | 50 | 450 x 450 |
| iDS 55PCAC | P55 Polymer Concrete Cover - Communications | 17 | 545 | 545 | 50 | 450 x 450 |
| iDS 55PCAE | P55 Polymer Concrete Cover - Electrical | 17 | 545 | 545 | 50 | 450 x 450 |
| iDS 55GCB | P55 Galvanised Steel Cover | 19.4 | 545 | 545 | 50 | 450 x 450 |
| iDS 55LGCB | P55 Galvanised Steel Cover - Locking | 20.5 | 545 | 545 | 50 | 450 x 450 |
| iDS 55PLGCB | P55 Galvanised Steel Cover - Padlocking | 22.4 | 545 | 545 | 50 | 450 x 450 |
| iDS 450450UGC | 450x450c/o 1pt Urban-Classic Steel Infill Cover 'B' Class | 23 | 560 | 560 | 80 | 450 x 450 |
| iDSG C4545DS | Ductile Iron Solid Top Cover | 57 | 660 | 660 | 105 | 450 x 450 |
| iDSG C4545DI | Ductile Iron Infill Cover | 57 | 665 | 665 | 105 | 450 x 450 |



P9 HDPE Pit Combinations - 1900x450

Class A rating
 Class B rating
 Class D rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|--|--|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P9 | P9 HDPE Pit | 90 | 2040 | 585 | 900 | 1900 x 450 |
| COVER DATA | | | | | | |
| iDS 9B | P6/8 Cement Concrete Cover 3pt - Blank | 124 | 2040 | 585 | 50 | 1900 x 450 |
| iDS 9C | P9 Cement Concrete Cover 3pt - Communications | 124 | 2040 | 585 | 50 | 1900 x 450 |
| iDS 9E | P9 Cement Concrete Cover 3pt - Electrical | 124 | 2040 | 585 | 50 | 1900 x 450 |
| iDS 6/8NBN | P6/8 Cement Concrete Cover 3pt - NBN | 124 | 2040 | 585 | 50 | 1900 x 450 |
| iDS 9TB | P9 Composite Covers 3pt - Telstra | 85 | 2040 | 585 | 50 | 1900 x 450 |
| (THE ABOVE COVERS COMPRISE OF 3 COVERS & 2 T SUPPORTS) | | | | | | |
| iDS 9GCB | P9 Galvanised Steel Cover | 68 | 2040 | 500 | 50 | 1900 x 450 |
| iDS 1900450UAC | 1900x450c/o 3pt Urban-Classic Steel Infill Cover 'B' Class | 26 | 2010 | 560 | 80 | 1900 x 450 |
| Ductile Iron Solid Top and Infill 2 part Covers available on request | | | | | | |



P77 PP Pit Combinations - 600 x 600

Class A rating
 Class B rating
 Class D rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P77 | P77 PP Pit | 8.9 | 700 | 700 | 655 | 600 x 600 |
| iDS PL77 | P77 PP Pit - Locking | 9.5 | 700 | 700 | 655 | 600 x 600 |
| RISER DATA | | | | | | |
| iDS R77 | P77 PP Riser | 9 | 700 | 700 | 300 | 600 x 600 |
| iDS RL77 | P77 PP Riser - Locking | 10 | 700 | 700 | 300 | 600 x 600 |
| COVER DATA | | | | | | |
| iDS 77PCAB | P77 Polymer Concrete Cover - Blank | 27 | 695 | 695 | 50 | 600 x 600 |
| iDS 77PCAC | P77 Polymer Concrete Cover - Communications | 27 | 695 | 695 | 50 | 600 x 600 |
| iDS 77PCAE | P77 Polymer Concrete Cover - Electrical | 27 | 695 | 695 | 50 | 600 x 600 |
| iDS 77GCB | P77 Galvanised Steel Cover | 29.5 | 695 | 695 | 50 | 600 x 600 |
| iDS 77LGCB | P77 Galvanised Steel Cover - Locking | 30.6 | 695 | 695 | 50 | 600 x 600 |
| iDS 77PLGCB | P77 Galvanised Steel Cover - Padlocking | 32.8 | 695 | 695 | 50 | 600 x 600 |
| iDS 600600UGC | 600x600c/o 1pt Urban-Classic Steel Infill Cover 'B' Class | 30 | 710 | 710 | 80 | 600 x 600 |
| iDS750750UGC | 750x750c/o 1pt Urban-Classic Steel Infill Cover 'B' Class | 37 | 860 | 860 | 80 | 750 x 750 |
| iDSG C6060DS | Ductile Iron Solid Top Cover | 79 | 810 | 810 | 105 | 600 x 600 |
| iDSG C6060DI | Ductile Iron Infill Cover | 97 | 815 | 815 | 105 | 600 x 600 |
| iDSG C7575DI | Ductile Iron Infill Cover | 109 | 965 | 965 | 105 | 750 x 750 |



P43 HDPE Pit Combinations - 330 Ø

Class A rating
 Class B rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|---|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P43 | P43 HDPE Pit | 4.8 | N/A | 430 dia. | 605 | 330 dia. |
| COVER DATA | | | | | | |
| iDS 43B | P43 Cement Concrete Cover - Blank | 18 | N/A | 390 dia. | 60 | 330 dia. |
| iDS 43C | P43 Cement Concrete Cover - Communications | 18 | N/A | 390 dia. | 60 | 330 dia. |
| iDS 43E | P43 Cement Concrete Cover - Electrical | 18 | N/A | 390 dia. | 60 | 330 dia. |
| iDS 43ME | P43 Cement Concrete Cover 2pt - Mains Earth | 18 | N/A | 390 dia. | 60 | 330 dia. |
| iDS 43GCB | P43 Galvanised Steel Cover | 9 | N/A | 390 dia. | 60 | 330 dia. |



P1000 HDPE Pit Combinations - 1000x1000

Class A rating
 Class B rating
 Class D rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-------------------|--|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS P1000 | P1000 HDPE Pit | 35 | 1120 | 1120 | 840 | 1000x1000 |
| iDS PL1000 | P1000 HDPE Pit - Locking | 36 | 1120 | 1120 | 840 | 1000x1000 |
| RISER DATA | | | | | | |
| iDS R1000 | P1000 HDPE Riser | 14 | 1120 | 1120 | 460 | 1000x1000 |
| iDS RL1000 | P1000 HDPE Riser - Locking | 15 | 1120 | 1120 | 460 | 1000x1000 |
| COVER DATA | | | | | | |
| iDS 1000GCB | P1000 Galvanised Steel Cover | 74 | 1120 | 1120 | 50 | 1000x1000 |
| iDS 1000LGCB | P1000 Galvanised Steel Cover - Locking | 78.3 | 1120 | 1120 | 50 | 1000x1000 |
| iDS 1000PLGCB | P1000 Galvanised Steel Cover - Padlocking | 79.3 | 1120 | 1120 | 50 | 1000x1000 |
| iDS 1000100UGC | 1000x1000c/o 1pt Urban-Classic Steel infill Cover 'B'Class | 50 | 1110 | 1110 | 80 | 1000x1000 |
| iDSG C120120DI | Ductile Iron Infill Cover 4 part Cover | 485 | 1350 | 1350 | 100 | 1300x1245 |



Gaskets



| Part No. | Description |
|-------------|-----------------------------------|
| iDS 1GASK | Suitable for a P1 pit |
| iDS 2GASK | Suitable for a P2 pit |
| iDS 3GASK | Suitable for a P3 pit |
| iDS 4GASK | Suitable for a P4 pit |
| iDS 5GASK | Suitable for a P5 pit |
| iDS 6/8GASK | Suitable for a P6, P8 and P9 pits |

Earth Rod Pit



Description

Polymer concrete earth rod pit with galvanised steel lid. The product incorporates a steel hinge and pin and is locked by the use of a standard phillip head screw. It also incorporates a 40mm diameter cable entry point for ease of installation.

Lid is embossed with "Earth".

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) | Clear Opening |
|-----------------|---------------------------------|-------------|-------------|------------|------------|---------------|
| PIT DATA | | | | | | |
| iDS PEP-A | Earth Rod Pit c/w aluminium lid | 4 | 200 | 200 | 150 | 175x175 |

General Accessories

| Part No. | Description | Part No. | Description |
|--------------|---|---------------|----------------------------|
| iDS LK | Lifting Key | iDS BRA MAIN | Brass Plate - Mains |
| iDS AK | Allen Key | iDS BRA SEC | Brass Plate - Security |
| iDS BRA ELEC | Brass Plate - Electricity | iDS BRA IRR | Brass Plate - Irrigation |
| iDS BRA COMM | Brass Plate - Communications | iDS BRA HV | Brass Plate - High Voltage |
| iDS BRA TELS | Brass Plate - Telstra | iDS BRA SGNL | Brass Plate - Signals |
| iDS BRA TELE | Brass Plate - Telephone | iDS BRA GAS | Brass Plate - Gas |
| iDS BRA EART | Brass Plate - Earth | iDS BRKT PACK | Locking Pit Bracket Pack |
| iDS PLUG | Plastic Plug to suit concrete & galvanised lids | | |

General Description

The latest addition to the existing extensive Plastic Pit Cover range is the P5, P77 and P6-8-9 Composite Pit Covers designed and manufactured by iDS to meet new standards and changes in infrastructure specification.

Available in a number of formats our composite covers are manufactured in both black and grey to blend into the infrastructure. Additionally we provide a number of livery specific covers for specialist installations.

All covers have been tested in accordance with AS3996



P5 Composite Cover - B Class

Class A rating
 Class B rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) |
|---------------------------|-------------------------------------|-------------|-------------|------------|------------|
| COVER DATA - GREY | | | | | |
| iDS 5BBGY | P5 Composite Cover - Blank | 20 | 650 | 395 | 50 |
| iDS 5EBGY | P5 Composite Cover - Electrical | 20 | 650 | 395 | 50 |
| iDS 5CBGY | P5 Composite Cover - Communications | 20 | 650 | 395 | 50 |
| iDS 5TB | P5 Composite Cover - Telstra | 20 | 650 | 395 | 50 |
| COVER DATA - BLACK | | | | | |
| iDS 5BBBK | P5 Composite Cover - Blank | 20 | 650 | 395 | 50 |
| iDS 5EBBK | P5 Composite Cover - Electrical | 20 | 650 | 395 | 50 |
| iDS 5CBBK | P5 Composite Cover - Communications | 20 | 650 | 395 | 50 |



P77 Composite Cover - B Class

Class A rating
 Class B rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) |
|---------------------------|--------------------------------------|-------------|-------------|------------|------------|
| COVER DATA - GREY | | | | | |
| iDS 77BBGY | P77 Composite Cover - Blank | 37 | 694 | 694 | 50 |
| iDS 77EBGY | P77 Composite Cover - Electrical | 37 | 694 | 694 | 50 |
| iDS 77CBGY | P77 Composite Cover - Communications | 37 | 694 | 694 | 50 |
| COVER DATA - BLACK | | | | | |
| iDS 77BBBK | P77 Composite Cover - Blank | 37 | 694 | 694 | 50 |
| iDS 77EBBK | P77 Composite Cover - Electrical | 37 | 694 | 694 | 50 |
| iDS 77CBBK | P77 Composite Cover - Communications | 37 | 694 | 694 | 50 |



P6/8 Composite Cover - B Class

Class A rating
 Class B rating

| Part No. | Description | Weight (kg) | Length (mm) | Width (mm) | Depth (mm) |
|---------------------------|---------------------------------------|-------------|-------------|------------|------------|
| COVER DATA - GREY | | | | | |
| iDS 6/8BBGY | P6/8 Composite Cover - Blank | 25 | 647 | 496 | 50 |
| iDS 6/8EBGY | P6/8 Composite Cover - Electrical | 25 | 647 | 496 | 50 |
| iDS 6/8CBGY | P6/8 Composite Cover - Communications | 25 | 647 | 496 | 50 |
| iDS 6/8TB | P6/8 Composite Cover - Telstra | 25 | 647 | 496 | 50 |
| COVER DATA - BLACK | | | | | |
| iDS 6/8BBBK | P6/8 Composite Cover - Blank | 25 | 647 | 496 | 50 |
| iDS 6/8EBBK | P6/8 Composite Cover - Electrical | 25 | 647 | 496 | 50 |
| iDS 6/8CBBK | P6/8 Composite Cover - Communications | 25 | 647 | 496 | 50 |



Technical Information

Burdens Urban-Classic is a general purpose and versatile recessed access cover systems designed to be used with a variety of "in-fill" surface finishes for a wide range of project applications. The product provides quick and safe access to underground electrical, communication, utility infrastructure chambers and ducts. All components are laser cut and assembled on a mechanised production line to ensure precise tolerances and a high quality finish.

The range can be used in virtually any situation where access to services and visual appearance are of paramount importance such as shopping centres, airports, railway stations, civic buildings and all application where aesthetics are a primary consideration.

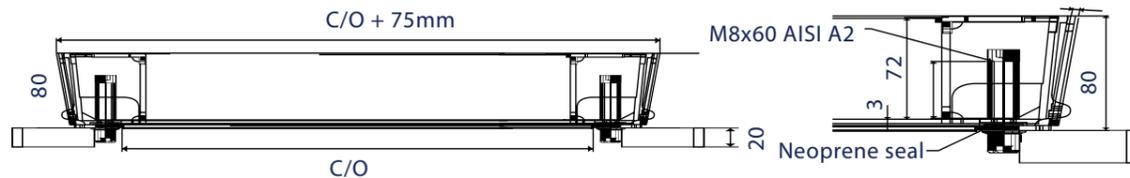
All covers are designed to meet the specified test loadings when filled to the surface of the cover with concrete or other floor finishes such as tiles and pavers.

- Covers and frames are made from galvanised steel
- The design of the covers is such that when fitted a minimal amount of metal is visible on the exposed surface
- Covers are fitted with locking bolts for security purposes
- The deep pan accommodates concrete bedding, allowing the quick and easy installation of pavers and reducing the need for excess cutting
- Decorative edging is available on request in both brass and stainless steel
- Covers are produced and conform to the Australian standard of AS3996
- To meet load requirements covers should be filled with concrete (specification C45/55)
- Surface finish material should be no greater than 20mm depth



Covers and Frames

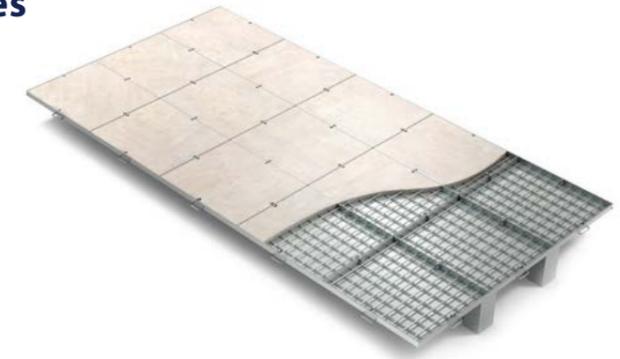
| Part No. | Pit Clear Opening Size (mm) | Overall Dimensions (mm) | Load Class (AS3996) |
|---------------------|-----------------------------|-------------------------|---------------------|
| iDS 300300UGC | 300 x 300 | 375x375x80 | A,B |
| iDS 450450UGC | 450 x 450 | 525x525x80 | A,B |
| iDS 600400UGC | 600 x 400 | 675x475x80 | A,B |
| iDS 600600UGC | 600 x 600 | 675x675x80 | A,B |
| iDS 750750UGC | 750 x 750 | 825x825x80 | A,B |
| iDS 900600UGC | 900 x 600 | 975x675x80 | A,B |
| iDS 900900UGC | 900 x 900 | 975x975x80 | A,B |
| iDS 10001000UGC | 1000 x 1000 | 1075x1075x80 | A,B |
| 2 Part Cover | | | |
| iDS 1320450UGC | 1320 x 450 | 1395x525x80 | A,B |
| iDS 1320600UGC | 1320 x 600 | 1395x675x80 | A,B |
| 3 Part Cover | | | |
| iDS 1320900UGC | 1320 x 900 | 1395x975x80 | A,B |
| iDS 1900450UGC | 1900 x 450 | 1975x525x80 | A,B |



Duct and Multispan Covers and Frames

Projects often require safe, secure, practical and cost effective access systems to cover continuous ducting (trenches) or large span chambers. These products are adaptable to cater for these situations or other odd shaped configurations.

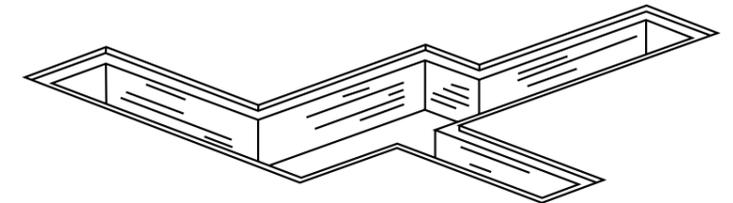
Multispan covers are supplied with cross beam systems to provide structural integrity but also are removable to allow access to the chamber clear opening.



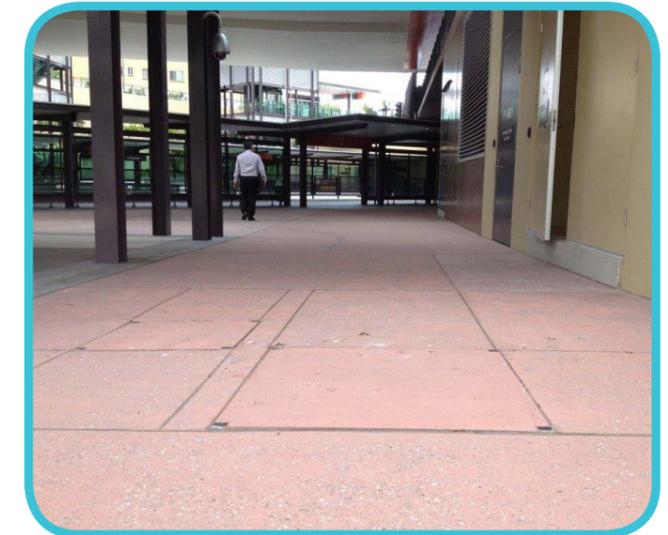
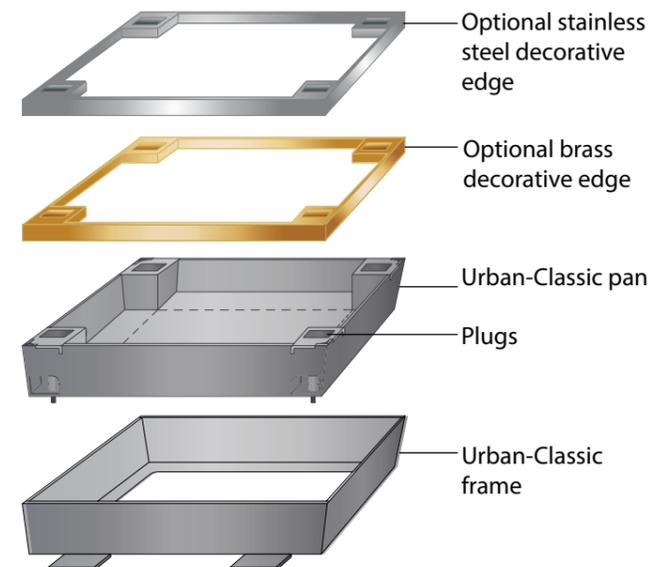
Special Configuration and Bespoke Service

Covers can be manufactured to suit virtually any formation of pits including obtuse, acute, tee, right angle and reducing junctions.

On a project by project basis we are able to provide a comprehensive specification information and drawing (in CAD or PDF format). For these circumstances please provide a plan view drawing showing the configuration of the duct (trench) or chamber that you wish to cover along with clear opening dimensions and load expectations (AS3996).



Decorative Edging



General Description

Designed to maintain maximum structural strength our galvanised steel covers are available to suit a wide range of loading requirements. Made to fit any size chamber they are widely used in the Australian infrastructure e.g. HV, LV and general electrical installations, switchboard pits, water treatment applications and pumping stations.

A number of variants exist to ensure the product meets all expectations including security and unauthorised entry prevention options, padlocking, bolts or tamper proof barri bolts can be used for additional security. All of our covers are designed to meet the Australian Standard AS3996

Solid Top

- Available to suit a wide range of loading requirements and chamber sizes
- For multi part covers removable support beams are incorporated to maintain the clear opening
- Multiple covers and frames can be constructed to suit any opening or loading requirement
- Anti skid chequer pattern
- Load tested to Australian Standard AS3996
- Hot dip galvanised to AS1650/1980 and EN1461 standard



Infill

- Infilled with material to match the surrounding surface finish
- Available as either locking or non-locking
- Designed with security and ease of lifting in mind
- Manufactured from strong and highly durable steel
- High strength and light weight
- Slip resistant surfaces
- Designed for use in a variety of applications that require a range of infill materials
- Fabricated to the highest standard to ensure continued performance under load

General Description

Made from ductile iron for a superior strength to weight ratio. All cover and frame surfaces are manufactured for an accurate, precision fit.

Our frame design ensures stable, permanent keying of the frame into the surrounding finish material. Available in two formats solid top and concrete infill.

Our solid top access covers are designed with an antislip solid surface and do not need to be filled on site.

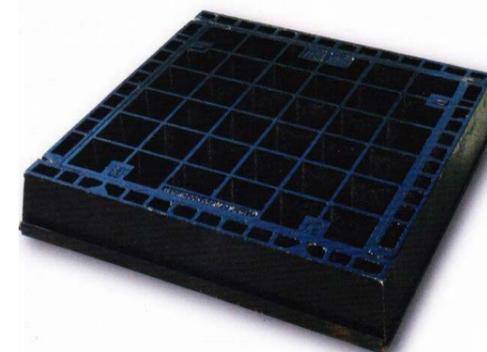
The infill ribbed cover design gives maximum strength for minimal weight of material with keyholes to ensure lifting keys cannot rotate and disengage accidentally.

All Burdens covers withstand test loadings and are manufactured in full compliance with the requirements of AS3996.



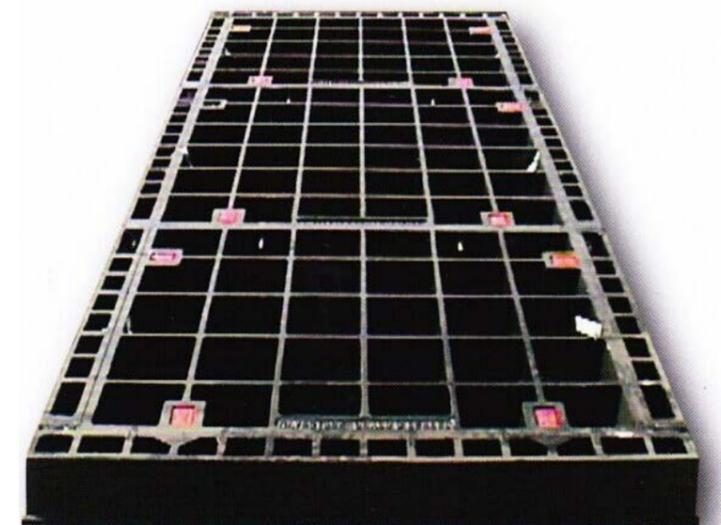
Infill

- Designed to match the surrounding environment
- Used in various applications such as carparks, landscape areas, airports and train stations
- Superior strength to weight ratio compared to cast iron
- Available with brass and stainless steel edging for decorative purposes
- Also available in multi-part sizes



Solid Top

- More durable, reliable and flexible than other materials
- High impact resistance
- Available in a range of sizes from 300mm-1000mm (for single parts)
- Available in circular, rectangular and square configurations
- Plastic plugs are fitted to exclude ingress and dirt
- Optional sealed joints to minimise passage of water
- Use in Infrastructure projects, stormwater and sewer covers
- Also available in multi-part sizes





Integrated Ducting Systems
PO BOX 49, Westminster WA 6061

Burdens Head Office
57 Distinction Road
Wangara WA 6065

Telephone: (08) 9302 4077
Facsimile: (08) 9302 1677
Email: sales@burdens.net.au

Burdens Queensland
Unit 2/47 Commerce Circuit
Yatala QLD 1207

Telephone: (07) 3287 5166
Facsimile: (07) 3804 6166
Email: qldsales@burdens.net.au



BURDENS
AUSTRALIA

Burdens Victoria
Unit 2/21 Beverage Drive
Tullamarine VIC 3043
Email: vicsales@burdens.net.au



www.burdens.net.au