

# Innovations in Drainage & Wastewater Products

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**POLYLOK**™  
Inc.

**///ADS**

# New Products

## Slope Drains

**Click-In**  
POB-SL4-C



Connections

- 4" (100 mm) Corrugated
- 4" (100 mm) SDR 35
- 4" (100 mm) SCH 40

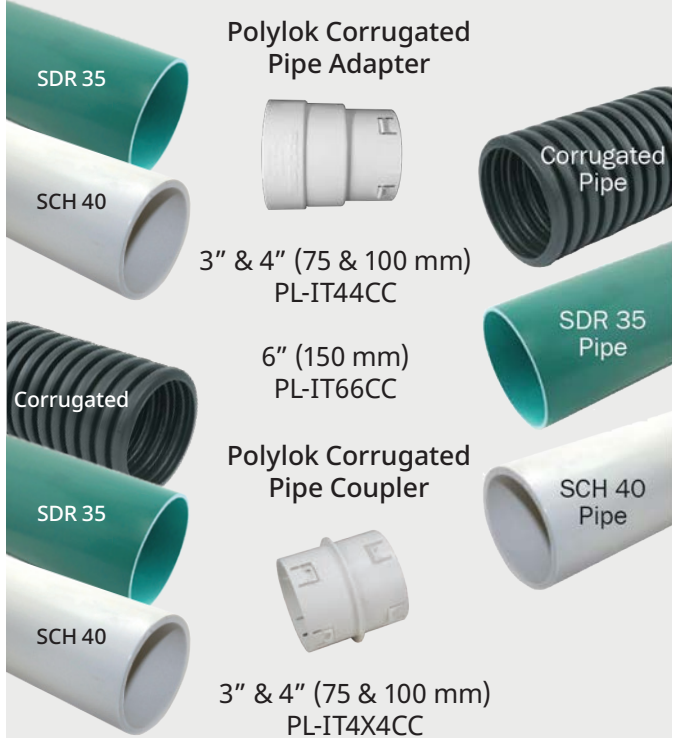
**Glue-On**  
POB-SL4



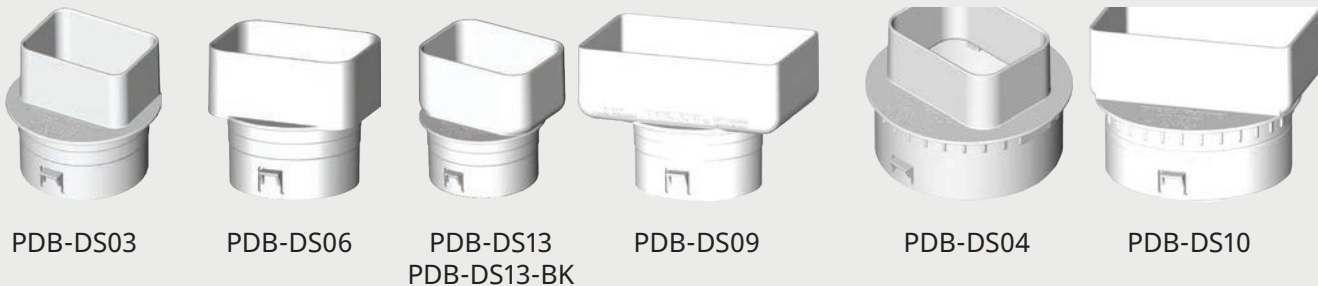
Connections

- 4" (100 mm) SDR 35
- 4" (100 mm) SCH 40 Pipe

## Corrugated Pipe Adapters



## Downspout Adapters



# Flow Gates & Pipe Adapters

## Flow Gate



The Polylok flow gate attaches to 4" (100 mm) and 6" (150 mm) sewer and drain hub. The flow gate pops up when the pressure of the flowing water hits it, allowing the water to discharge. Once the water stops flowing, the flow gate closes again blocking anything from entering.

### Features

- Allows water captured by grates, catch basins, trench drains, and gutter systems to be discharged in areas deemed the most suitable.
- Opens by the hydrostatic pressure of water flowing through the drain pipe, as flow diminishes the emitter closes again.
- Flow Gate opens with minimal pressure.
- Closes during dry weather to help keep debris and rodents from entering the drain pipes.
- Stainless steel spring.
- Fade resistant.
- Available with elbow kit & elbow with corrugated pipe adapter kit.



Stainless steel spring shown on both the 4" (100 mm) and 6" (150 mm) Polylok flow gates.

## Corrugated Pipe Adapter



These pipe adapters allow you to connect corrugated pipe to SCH 40 or SDR 35 pipe. Do you have a problem where you have SCH 40 or SDR 35 PVC pipe that you need to connect to corrugated pipe? If so, we have the best solution for you!

### Features

- Easy to install, no tools needed
- Connects directly to SCH 40, SDR 35, or corrugated pipe.
- The PL-IT44CC adapter fits 3" (75 mm) and 4" (100 mm) corrugated pipe as well as 4" (100 mm) SCH 40 and SDR 35 pipe.
- The PL-IT4X4CC coupler fits 3" (75 mm) and 4" (100 mm) corrugated pipe as well as 4" (100 mm) SCH 40 and SDR 35 pipe.
- The PL-IT66CC adapter fits 6" (150 mm) corrugated pipe as well as 6" (150 mm) SCH 40 and SDR 35 pipe.

6" (150 mm)  
PDB-6P90



4" (100 mm)  
PDB-4P90



Available 4" (100 mm) and 6" (150 mm) PVC Elbows allow a 90° turn in sewer and drain pipe runs.

## Downspout Adapter



Polylok 4" (100 mm) downspout adapters allow you to transition from a 2"x3" (50 x 75 mm), 3"x4" (75-100 mm), and 4"x6" (100-150 mm) downspout to 4" (100 mm) SCH 40, 4" (100 mm) SDR 35, or 4" (100 mm) corrugated pipe. Our downspout adapters are also available in 6" (150 mm) to allow 3"x4" (75-100 mm) and 4"x6" (100-150 mm) downspouts to transition to 6" (150 mm) pipe.

### Features

- Transitions water from downspout to drain pipe.
- Connects directly to SCH 40, SDR 35, or corrugated pipe.
- Downspout adapters are made of heavy-duty polypropylene with UV inhibitors to prevent fading and cracking.
- Use with the Polylok Flow Gate to discharge water at a point of release.



PDB-DS03 2"x3" (50 x 75 mm) downspout adapter shown on 4" (100 mm) SCH 40. 4" (100 mm) SDR 35 and 4" (100 mm) corrugated pipe.

## Part Numbers

- 4" (100 mm) Flow Gate: PDB-4PE-GN
- 4" (100 mm) Flow Gate & Elbow Kit: PDB-4PE-KIT
- 4" (100 mm) Flow Gate, Elbow & Adapter Kit: PDB-4PE-KIT-IT44CC
- 4" (100 mm) Flow Gate, Elbow & Coupler Kit: PDB-4PE-KIT-IT4X4CC
- 6" (150 mm) Flow Gate: PDB-6PE
- 6" (150 mm) Flow Gate & Elbow Kit: PDB-6PE-KIT
- 6" (150 mm) Flow Gate, Elbow & Adapter Kit: PDB-6PE-KIT-IT66CC
- 4" (100 mm) Corrugated Pipe Adapter: PL-IT44CC
- 4" (100 mm) Corrugated Pipe Coupler: PL-IT4X4CC
- 6" (150 mm) Corrugated Pipe Adapter: PL-IT66CC
- 2"x3"x4" (50x75x100 mm) Offset Adapter: PDB-DS03
- 3"x4"x4" (75x100x100 mm) Adapter: PDB-DS06
- 3"x4"x4" (75x100x100 mm) Offset Adapter: PDB-DS13
- 3"x4"x4" (75x100x100 mm) Offset Adapter (Black): PDB-DS13-BK
- 4"x6"x4" (100x150x100 mm) Adapter: PDB-DS09
- 3"x4"x6" (75x100x150 mm) Adapter: PDB-DS04
- 3"x4"x6" (75x100x150 mm) Offset Adapter: PDB-DS10
- 4" (100 mm) Click-In Slope Drain: PDB-SL4-C
- 4" (100 mm) Hub End Slope Drain: PDB-SL4

# Round Catch Basin Kits

Polylok round catch basins are available in 12", 20", & 24" (300, 500 & 600 mm) diameters and are an essential component in any landscape drainage system. Use our catch basins near areas of standing water to help facilitate proper water drainage and avoid property damage. The Polylok round catch basin system allows the use of our risers to bring the grate or cover to grade as needed. Our boxes allow you to choose what height you want your inlets and outlets to be and accept 2", 3", 4" and 6" (50, 75, 100 and 150 mm) pipe with some models.

## 12" (300 mm) Round Catch Basin

4 Hole



### Features

- Use as a rain drain for gutters, driveways, and sub-surface drainage.
- Use with 12" (300 mm) Polylok risers to bring the grate or cover to grade as needed.
- Use our watertight seals with nuts for 2", 3" and 4" (50, 75 and 100 mm) SCH 40 or SDR 35 pipe, and 4" (100 mm) corrugated pipe.
- 4 stabilizing feet with every box.
- Plastic or galvanized steel grates available to suit your application.
- Solid or heavy-duty covers available for specific design requirements.

### Kit Includes

- Box (4 hole)
- Plastic grate
- Two 4" (100 mm) seals with nuts
- Four stabilizing feet
- Four stainless steel screws



Galvanized steel grates available for the 12" & 20" (300 & 500 mm) catch basins.

## 20" (500 mm) Round Catch Basin

6, 7 and 8 Hole



### Features

- Can be used as a valve or meter box.
- Use with 20" (500 mm) Polylok risers to bring the grate or cover to grade as needed.
- Use our watertight seals with nuts for 2", 3", and 4" (50, 75 and 100 mm) SCH 40 or SDR 35 pipe, and 4" (100 mm) corrugated pipe.
- 6 hole and 7 hole boxes accept 6" (150 mm) pipe.
- Plastic or galvanized steel grates available to suit your application.
- Solid or heavy-duty covers available for specific design requirements.

### Kit Includes

- Box (6 hole, 7 hole, or 8 hole)
- Plastic grate
- Four 4" (100 mm) seals with nuts
- Six stainless steel screws



Optional risers shown on the 12", 20" & 24" (300, 500 & 600 mm) catch basins.

## 24" (600 mm) Rhino Catch Basin

10 Hole



### Features

- Can be used as a valve or meter box.
- Use with 24" (600 mm) Polylok risers to bring the grate or cover to grade as needed.
- Use our watertight 4" (100 mm) seals with nuts for 2", 3", and 4" (50, 75 and 100 mm) SCH 40 or SDR 35 pipe, and 4" (100 mm) corrugated pipe.
- Use our watertight 6" (150 mm) seals with nuts for 6" (150 mm) SCH 40 or SDR 35 pipe, and 6" (150 mm) corrugated pipe.
- Solid or heavy-duty covers available for specific design requirements.

### Kit Includes

- Box (10 hole)
- Plastic heavy-duty grate
- Four 4" (100 mm) seals with nuts
- Eight stainless steel screws

Available in:

- 5-1/8" (128 mm) for 4" (100 mm) Seals
- 7-1/2" (188 mm) for 6" (150 mm) Seals



Make the perfect size hole for Polylok 4" and 6" (100 and 150 mm) seals when using our Rhino Horn hole saws.

## Part Numbers

- 12" (300 mm) Round CB Kit: 3017-12
- 12"x3" (300 x 75 mm) Riser: 3017-R3
- 12"x6" (300 x 150 mm) Riser: 3017-R
- 12" (300 mm) Galvanized Steel Grate: 3017-ME
- 12" (300 mm) Flat Grate: 3017-GE
- 12" (300 mm) Flat Cover: 3017-C
- 20" (500 mm) Round CB Kit (6 Hole): 3017-20CG6
- 20" (500 mm) Round CB Kit (7 Hole): 3017-207G
- 20" (500 mm) Round CB Kit (8 Hole): 3017-20CG
- 20"x2" (500 x 50 mm) Riser: 3009-GR2-NG
- 20"x6" (500 x 150 mm) Riser: 3009-NG
- 20"x12" (500 x 300 mm) Riser: 3009-R12-NG
- 20" (500 mm) Galvanized Steel Grate: 3017-ME20
- 20" (500 mm) HD Flat Grate: 3017-G20
- 20" (500 mm) HD Flat Cover: 3017-C20
- 20" (500 mm) Dome Cover: 3009-RC
- 24" (600 mm) Rhino CB Kit: 3017-G24
- 5-1/8" (128 mm) Rhino Horn Hole Saw: PL-HS-513

# Round & Square Catch Basin Kits

## 24" Round Catch Basin



### Features

- Made of high density, non-corrosive polyethylene plastic (HOPE) with the highest UV protection available.
- Comes standard with a 24" (600 mm) heavy-duty grate.
- Includes four 4" (100 mm) SCH 40 grommets.
- Grommets can be placed anywhere on the basin or riser stack.
- Custom heights available.
- Accepts all 24" (600 mm) Polylok risers.

### Kit Includes

- 24" (600 mm) basin (approx: 25 gallon capacity)
- Plastic heavy-duty grate
- Four 4" (100 mm) SCH 40 grommets
- Eight stainless steel screws



Basin shown stacked with 24"x12" (600 x 300 mm) risers.

## Square Catch Basin



Polylok square catch basins are used to collect and discharge excess water in order to prevent potential damage to landscapes and property. We offer our square catch basins in two sizes: 9"x9" (225 x 225 mm) and 12"x12" (300 x 300 mm), with many grate options and accessories available. Our square catch basins are precut with two inlet/outlet side openings. Additionally, our catch basins come with two sets of seals that accept 2", 3" and 4" (50, 75 and 100 mm) SCH 40 or SDR 35 pipe, and 4" (100 mm) corrugated pipe. With the use of our optional 6" (150 mm) Polylok seal with nut, the 12"x12" (300x300 mm) model will accept 6" (150 mm) pipe.

### Kit Includes

- Box
- Grate (black or green)
- Two 4" (100 mm) seals with nuts
- Four stainless steel screws



6" & 4" (150 & 100 mm) Polylok seal with nut.

9"x9" (225 x 225 mm) catch basin shown with optional cast iron grate.

### Optional Accessories

- Cast iron grates
- Atrium grates
- 6" (150 mm) seals with nuts for 12"x12" (300x300 mm) catch basin
- 6" (150 mm) tall riser for the 12"x12" (300x300 mm) catch basin
- Solid cover for 12"x12" (300x300 mm) catch basin
- Silt filter for 12"x12" (300x300 mm) catch basin



Optional silt filter shown for 12"x12" (300 x 300 mm) catch basins.



12"x12" (300 x 300 mm) catch basin shown with optional solid cover.



12"x12" (300 x 300 mm) catch basin shown with optional plastic atrium grate.



Optional 6" (150 mm) tall risers shown for 12"x12" (300 x 300 mm) catch basins.

## Part Numbers

- 24" (600 mm) Round Catch Basin Kit: 3008-CB
- 9"x9" (225x225 mm) Square CB Kit (Black Grate): PDB-9KIT
- 9"x9" (225x225 mm) Square CB Kit (Green Grate): PDB-9KITG
- 9"x9" (225x225 mm) Grate (Black): PDB-9G-BK z
- 9"x9" (225x225 mm) Grate (Green): PDB-9G-GN
- 9"x9" (225x225 mm) Atrium Grate (Black): PDB-9AG-BK
- 9"x9" (225x225 mm) Atrium Grate (Green): PDB-9AG-GN
- 9"x9" (225x225 mm) Cast Iron Grate: PDB-9GM
- 12"x12" (300x300 mm) Square CB Kit (Black Grate): PDB-12KIT
- 12"x12" (300x300 mm) Square CB Kit (Green Grate): PDB-12KITG
- 12"x12"x6" (300x300x150 mm) Riser: PDB-12R
- 12"x12" (300x300 mm) Grate (Black): PDB-12G-BK
- 12"x12" (300x300 mm) Grate (Green): PDB-12G-GN
- 12"x12" (300x300 mm) Atrium Grate (Black): PDB-12AG-BK
- 12"x12" (300x300 mm) Atrium Grate (Green): PDB-12AG-GN
- 12"x12" (300x300 mm) Cast Iron Grate: PDB-12GM
- 12"x12" (300x300 mm) Cover: PDB-12C
- 12"x12" (300x300 mm) Silt Filter: PDB-12SF
- 12"x12" (300x300 mm) Square CB Kit with Silt Filter (Black Grate): PDB-12KIT-SF
- 12"x12" (300x300 mm) Square CB Kit with Silt Filter (Green Grate): PDB-12KITG-SF
- 4" (100 mm) Seal w/ Nut: 3001-SN
- 6" (150 mm) Seal w/ Nut: 3001-SNG
- Grommets: 1/2" - 6" (13-150 mm) Sizes Available

# 4' (1.2 m) Trench/Channel Drains

## Heavy Duty Trench/Channel Drains



Our trench/channel drain system is engineered to deliver the most flexibility in a heavy-duty design. The Polylok heavy-duty trench/channel drain is H-20 wheel load rated when cast in reinforced concrete. It offers a modular design with interlocking components to enable quick and easy connections. Each segment is 4' (1.2 m) in length and comes with a reversible ADA compliant grate that can either be flat or allow for a 3/16" (5 mm) convex surface. Our trench/channel drain design isn't just a great design, it's engineered with a smooth installation in mind. Each 4' (1.2 m) segment can be joined together or cut down to 12" (300 mm) increments. Each trench/channel drain segment has eight (8) anchor positions to allow rebar to be installed to prevent floating. There are two sections on each 4' (1.2 m) trench drain to allow for 2x4's (0.6x1.2 m) to be installed to aid in leveling and anchoring prior to pouring concrete. There are four drainage ports on each 4' (1.2 m) section to enable 3", 4" (75, 100 mm) SCH 40, or 4" (100 mm) SOR 35 connections. Each segment is shipped with #8x1-1/4" (31 mm) stainless steel screws to fasten the grates to the channel and to secure the interlocking pieces, so there is no need to visit the hardware store.

## Ductile Grate Trench/Channel Drains



Polylok drains offer homeowners, architects, engineers, contractors and storm water managers a variety of superior surface drains for a myriad of applications. No matter what the situation requires, from residential to unlimited heavy industrial applications, our quality is unmatched. Polylok drains are engineered for simple, one-step installations, minimizing contractor costs for installation. Polylok drains meet or exceed the Americans with Disabilities Act of 1990; Section 4.5.4.

### Features

- Comes with stainless steel hardware
- Easily installed and removed with one bolt
- 47 in<sup>2</sup> (30322.5 mm<sup>2</sup>) of open area
- Rust resistant
- Load Class C
- Application: heavy-duty/commercial
- Application proof load: 310 psi
- Typical application standard: A-A6005



Each channel has four drainage ports that will accept 3" or 4" (75 or 100 mm) SCH 40, or 4" (100 mm) SOR 35 pipe.



2x4's (0.6x1.2 m) can be fastened to provide a wider footing.



Outside holes accept #4 rebar for fast positioning.



Ductile grate mounting hardware



Trench/Channel Tee



Trench/Channel 90° Corner



End Cap



End Outlet



Leaf Guards



Corrugated Pipe Adapters

## Part Numbers

- 4' (1.2 m) HD Trench/Channel Drain (Black): PL-90860
- 4' (1.2 m) HD Trench/Channel Drain (Grey): PL-90860-G
- 4' (1.2 m) HD Trench/Channel Drain (Green): PL-90860-GR
- 4' (1.2 m) HD Trench/Channel Drain (Tan): PL-90860-TN
- 4' (1.2 m) Ductile Trench/Channel Drain: PL-90860-CI
- Tee (Black): PL-90860-T
- Tee (Grey): PL-90860-TG
- Tee (Green): PL-90860-TGR
- Tee (Tan): PL-90860-TAN

- Tee (Ductile): PL-90860-T-DIG
- 90° Corner (Black): PL-90860-90
- 90° Corner (Grey): PL-90860-90G
- 90° Corner (Green): PL-90860-90GR
- 90° Corner (Tan): PL-90860-90T
- 90° Corner (Ductile): PL-90860-90-DIG
- End Cap (Black): PL-90860-CE
- End Cap (Grey): PL-90860-CEG
- End Cap (Green): PL-90860-CEGR

- 4' (1.2 m) Skinny Trench Drain (Black): PL-90861
- 4' (1.2 m) Skinny Trench Drain (Grey): PL-90861-G
- 90° Corner (Black): PL-90861-90
- 90° Corner (Grey): PL-90861-90G
- End Cap (Black): PL-90861-CE
- End Cap (Grey): PL-90861-CEG
- End Outlet (Black): PL-90861-OE
- End Outlet (Grey): PL-90861-OEG
- 2" Leaf Guard (Black): PAG-2T

# Trench/Channel Drains & Drain Wells

## Skinny Trench Drains



The Polylok 4' (1.2 m) skinny trench/channel drain system offers many of the same features that our 4' (1.2 m) heavy duty trench/ channel drain system does but in a slim, compact design!

### Features

- Trench drain & grate come in 48" (1200 mm) sections that can be cut down to 12", 24" & 36" (300, 600 & 900 mm).
- All outlet ports accept 2" (50 mm) SCHD 40 pipe.
- Outside holes accept #4 rebar for fast positioning.
- Optional open end outlets and closed end caps available.
- Grates are reversible from a flat side to a 1/8" (3 mm) convex side.

### Available Options

- 90° corner
- End cap
- End outlet
- 2" (50 mm) leaf guard

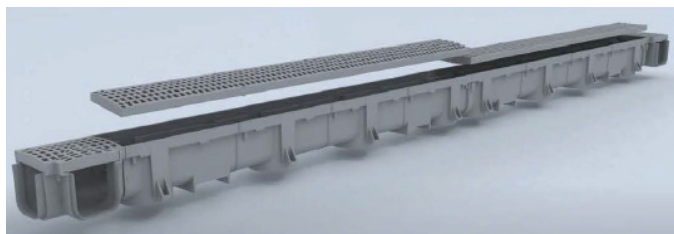


End Cap

End Outlet

90° Corner

Leaf Guard



Reversible ADA compliant grates that can either be flat or allow for a convex surface. (3/16" [5 mm] convex on HD Trench and 1/8" [3 mm] convex on Skinny Trench)

## Drain Wells



The Polylok drain well is an easy to install dry well used to collect, retain, and discharge storm water. Our drain well allows the flexibility to choose your inlet and leaching locations. The drain well cover allows for a 4" (100 mm) surface drain and is equipped with two recessed handles for easy removal. One of our drain well's greatest features is its ability to allow stacking of Polylok 24" (600 mm) risers to accommodate higher volumes of water.

### Features

- Inlet and leaching location flexibility.
- Lid will accept 4" (100 mm) surface drain.
- Lid is equipped with two recessed handles.
- Accepts any Polylok 24" (600 mm) riser.
- Built in anti-flotation ring .
- Open bottom design.
- Holds 56 gallons (212 liters).
- Customizable accessories available.



24" (600 mm) Drain Well shown with an added Polylok 24"x12" (600x300 mm) riser.



24" (600 mm) Drain Well shown with an added Polylok 24"x12" (600x300 mm) riser.

## Part Numbers

- 24" (600 mm) Drain Well Kit: 3008-DWK
- 24"x2" (600 x 50 mm) Riser: 3008-GR2-NG
- 24"x6" (600 x 150 mm) Riser: 3008-NG
- 24"x12" (600 x 300 mm) Riser (Wall Flats): 3008-R12-NG
- 24"x12" (600 x 300 mm) Riser (Round Wall): 3008-R12R-NG
- 24" (600 mm) HD Flat Grate: 3008-G24
- Grommets: 1/2" - 6" (13-150 mm) Sizes Available

# Grates & Drainage Accessories



**3" (75 mm)  
Pipe Grate**  
PDB-3G-BK  
PDB-3G-GN



**4" (100 mm)  
Pipe Grate**  
PDB-4G-BK  
PDB-4G-GN



**4" (100 mm)  
Atrium Grate**  
PAG-4-BK  
PAG-4-GN



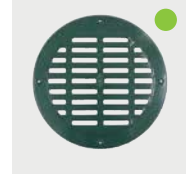
**6" (150 mm)  
Pipe Grate**  
PDB-6G-BK  
PDB-6G-GN



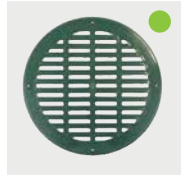
**8" (200 mm)  
Pipe Grate**  
PDB-8G-BK  
PDB-8G-GN



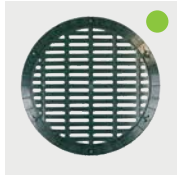
**10" (250 mm)  
Pipe Grate**  
PDB-10G-BK  
PDB-10G-GN



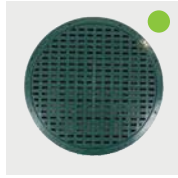
**12" (300 mm)  
Pipe Grate**  
3004-GR-GN  
3004-C



**15" (375 mm)  
Pipe Grate**  
300415-GR  
300415-C



**18" (450 mm)  
Pipe Grate**  
3007-HDG  
3007-HDC



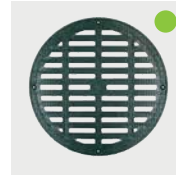
**24" (600 mm)  
Pipe Grate**  
3008-G24  
3008-WEST 3008-  
HD



**6" (150 mm)  
Square Grate**  
PDB-6S PG-BK  
PDB-6S PG-GN



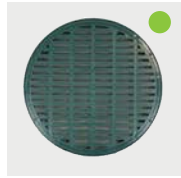
**9" (225 mm)  
Square Grate**  
PDB-9S PG-BK  
PDB-9S PG-GN



**12" (300 mm)  
Basin Grate**  
3017-GE  
3017-C



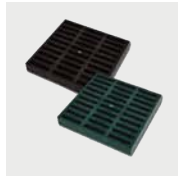
**12" (300 mm)  
Galvanized Steel  
Grate**  
3017-ME



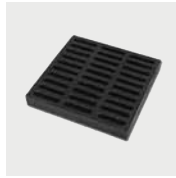
**20" (500 mm)  
Catch Basin Grate**  
3017-G20  
3017-C20



**20" (500 mm)  
Galvanized Steel  
Grate**  
3017-ME20



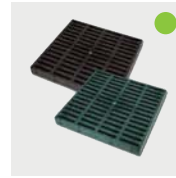
**9"x9"  
(225x225 mm)  
Catch Basin Grate**  
PDB-9G-BK  
PDB-9G-GN



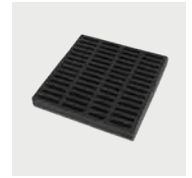
**9"x9"  
(225x225 mm)  
Cast Iron Grate**  
PDB-9GM



**9"x9"  
(225x225 mm)  
Atrium Grate**  
PDB-9AG-BK  
PDB-9AG-GN



**12"x12"  
(300x300 mm)  
Catch Basin Grate**  
PDB-12G-BK  
PDB-12G-GN  
PDB-12C



**12"x12"  
(300x300 mm)  
Cast Iron Grate**  
PDB-12GM



**12"x12"  
(300x300 mm)  
Atrium Grate**  
PDB-12AG-BK  
PDB-12AG-GN



**20"x24"  
(500x600 mm)  
Riser Cover**  
3009-RC (20")  
3008-RC (24")



**4" (100 mm)  
Seal & Nut**  
3001-SN



**6" (150 mm)  
Seal & Nut**  
3001-SN6



**12"x12"  
(300x300 mm)  
Catch Basin Riser**  
PDB-12R



**12"x3"  
(300x75 mm)  
Riser**  
3017-R3



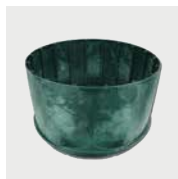
**12"x6"  
(300x150 mm)  
Riser**  
3017-R



**20"x2"  
(500x50 mm)  
Riser**  
3009-GR2-NG



**20"x6"  
(500x150 mm)  
Riser**  
3009-NG



**20"x12"  
(500x300 mm)  
Riser**  
3009-R12-NG



**24"x2"  
(600x50 mm)  
Riser**  
3008-GR2-NG



**24"x6"  
(600x150 mm)  
Riser**  
3008-NG



**24"x12"  
(600x300 mm)  
Riser**  
3008-R12-NG (Flats)  
3008-R12R-NG (Round)



**Pro-grade Adhesive/  
Sealant**  
PL-E6100

● Solid cover option available.

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information

