NDS®

We put water in its place

Your knowledgeable and trusted partner for the best in water management solutions

Residential Stormwater Management | Commercial Stormwater Management | Professional Irrigation | Flow Management

2024 | 2025

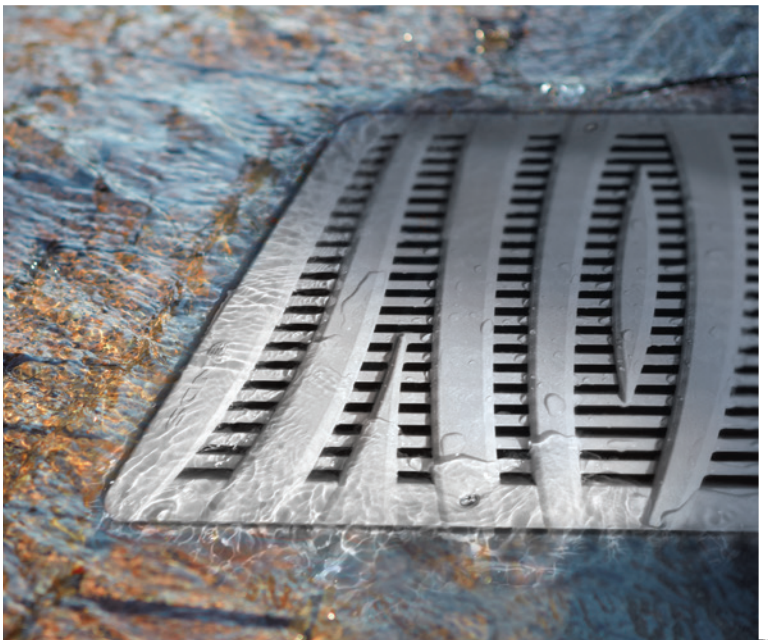
# Product Catalog

ndspro.com

MADE IN USA

# DRAINAGE

From your backyard patio to the neighborhood aquatic center, from the factory floor to a professional sports facility, NDS offers the right drainage solutions.



# COMMERCIAL STORMWATER SOLUTIONS

**NDS® offers comprehensive commercial stormwater solutions in line with Low Impact Development policies by managing stormwater as close to its source as possible through runoff reduction and quality enhancement at the site scale. Our solution is built around known and trusted components, providing solutions that offer 5 key benefits:**

- Conservation of water resources to improve our well-being
- Management of stormwater at the source to reduce downstream impact
- Flexibility of system footprint allows for adaptive implementation
- Mitigation of pollution and erosion to protect water systems
- Replenishment of groundwater to help ensure future supply

**A single-source solution, NDS is easy to specify, qualifies for LEED credits and offers up to 250% more detention volume than traditional gravel systems.**

# Design Your System

An effective onsite stormwater system can be designed in 5 easy steps:

1. **Identify Sources -** Stormwater runoff may come from point sources like downspouts, as sheet flow from parking lots, irregularly through drainage ways in the landscape, or even as elevated groundwater.

2. **Select Method of Capture -** Each runoff source has a practical method of capture for conveyance to the detention and infiltration area.

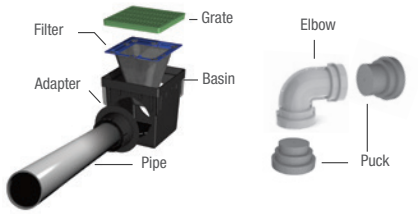
3. **Determine Peak Flow and Detention Volume -** The quantity of runoff for a given rainfall event over a defined area is easily calculated when surface type and rainfall intensity are known by using the Rational Method formula Q = CiA. Applicable regulations generally provide guidance on the rainfall intensity to use for a given set of circumstances.

4. **Size the System -** Detention and infiltration devices have measured holding capacities. Select the appropriate quantity and arrangement of devices to handle the predetermined runoff volume calculated above. Also consider the capacity of conveyance and overflow piping.

5. **Determine Field Layout -** Site constraints including setbacks, landform, soil types, fixed objects and open space, among others, will inform the location and arrangement of system components. Each element of runoff capture, filtration, conveyance, detention, infiltration and overflow must be considered.

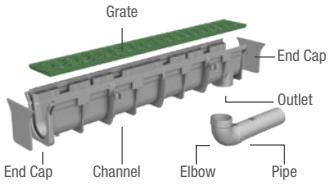
## CAPTURE

**Catch basins** receive runoff from downspouts and landscaped areas. **Channel drains** accept sheet flows from paved walks and parking.




## FILTRATION

**Basins and channel grates** provide a front line of debris filtration; adding fabric **filters** contributes further removal of fines from stormwater, extending system life. **Chamber systems** have advanced filtration options.




## CONVEYANCE

Smooth-wall and corrugated pipe with compatible fittings and adapters convey stormwater from the point of capture to the detention and infiltration area. Select pipe type and set pipe slope to handle the anticipated runoff volumes based on established pipe-flow characteristics. Using EZflow for conveyance may reduce the footprint of downstream detention and infiltration areas.

## DETENTION & INFILTRATION

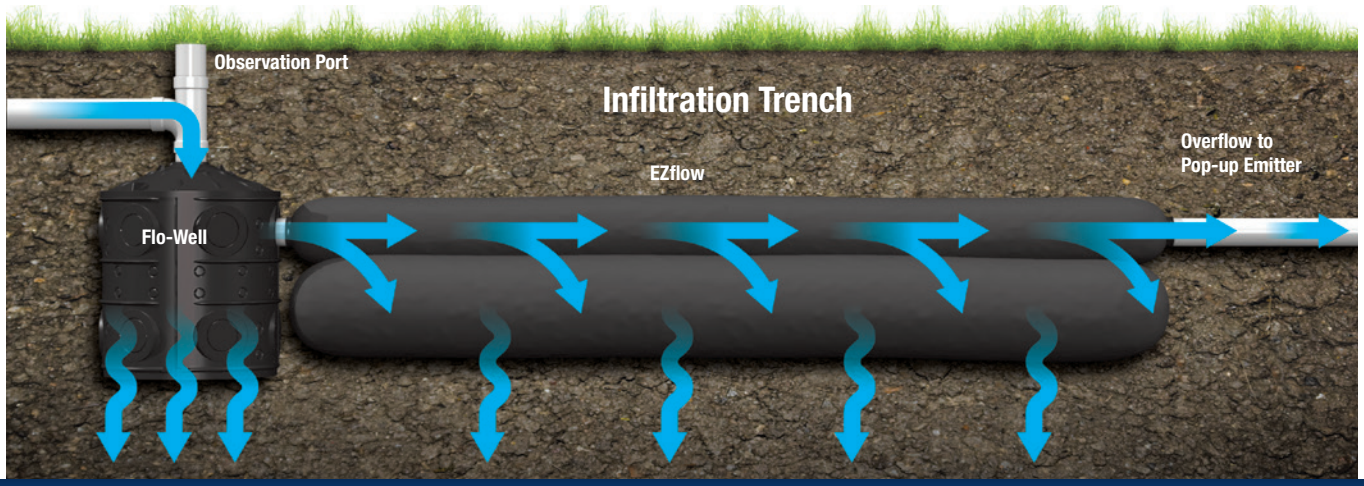
**Flo-Well®** manufactured dry wells provide 50 gallons of detention volume. Each unit has multiple connection points including sidewall and top-cover knock outs to receive 3" to 8" pipe. Flo-Wells are stackable and can be arranged in multiple configurations.

**EZflow®** engineered French drains are 10' bundles of Poly-Rock aggregate with or without corrugated drain pipe. Bundles are available in 7", 10" and 15" diameters, with or without 3", 4" or 6" pipe, respectively. A standard infiltration trench consists of a 10" bundle with 4" pipe atop two 15" aggregate-only bundles, providing over 100 gallons of detention volume.

**NDS® StormChamber®** provides a lower cost alternative to drainage pipes for conveyance, with added benefits of groundwater recharge and water quality enhancement. Chambers eliminate the need for restrictive holding ponds and can be stacked in many applications to reduce footprint and save valuable land space.

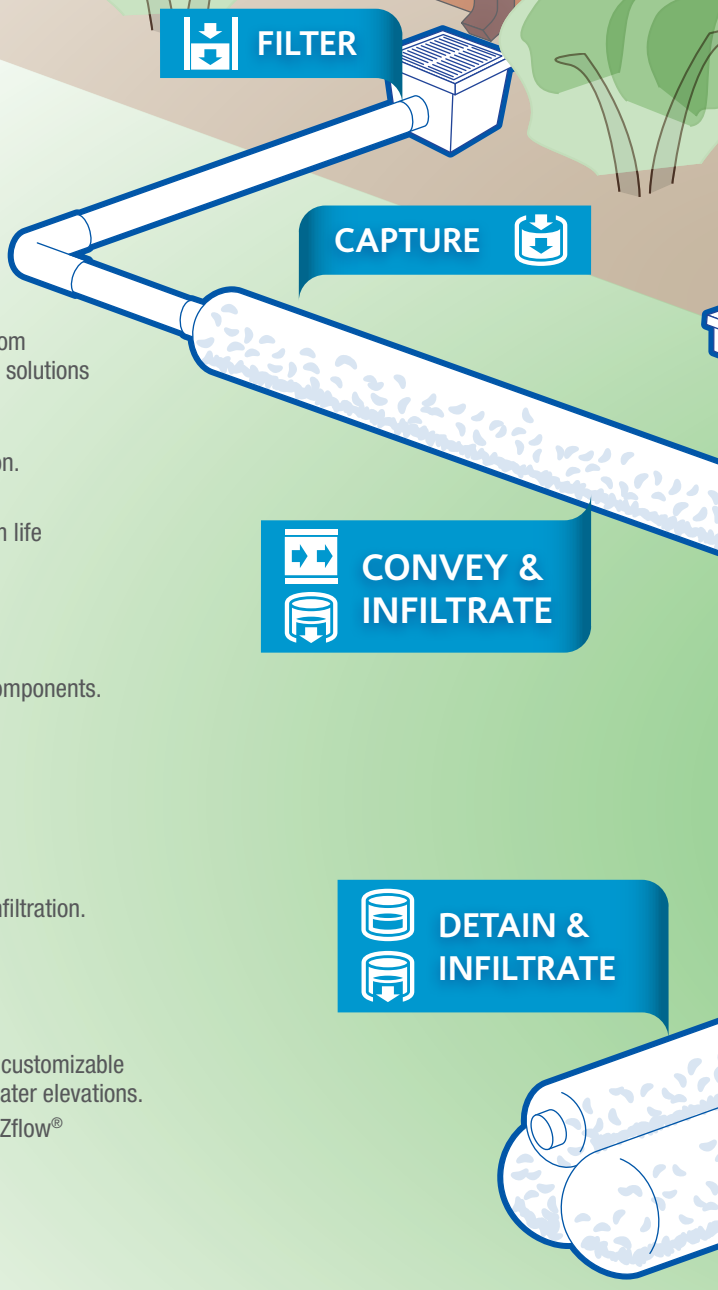
## OVERFLOW

**Pop-up emitters** allow excess runoff beyond system capacity to discharge in a safe location.



# SUSTAINABLE STORMWATER SOLUTIONS

## NDS components can be configured to meet a wide variety of residential and commercial applications.




### CAPTURE

NDS offers several options to collect stormwater from various sources.

- Catch basins function effectively as area drains and for downspouts from roofs
- Channel drains intercept sheet flow from paved surfaces
- Permeable grass and gravel paver systems with underdrains collect stormwater from walkways and parking areas when used as alternatives to traditional impermeable solutions

### FILTER

Prevent debris and other suspended solids in stormwater from impairing system function.

- Basin and channel grates provide a front line of mechanical filtration
- Fabric filters contribute further removal of fines from stormwater, extending system life
- Grass and gravel paver systems naturally filter and clean stormwater while flowing through the permeable paver solutions

### CONVEY

Move stormwater from its sources to downstream detention, infiltration and overflow components.

- Smooth-wall and corrugated pipe with appropriate fittings and adapters have known flow characteristics to get the job done
- Using EZflow® for conveyance will also increase system detention and infiltration, effectively reducing the footprint of the downstream detention area

### DETAIN

NDS detention components provide efficient volume to minimize runoff and maximize infiltration.

- Flo-Well® dry wells, NDS® StormChamber® and EZflow® infiltration-trench arrangements have defined volumes for this purpose.

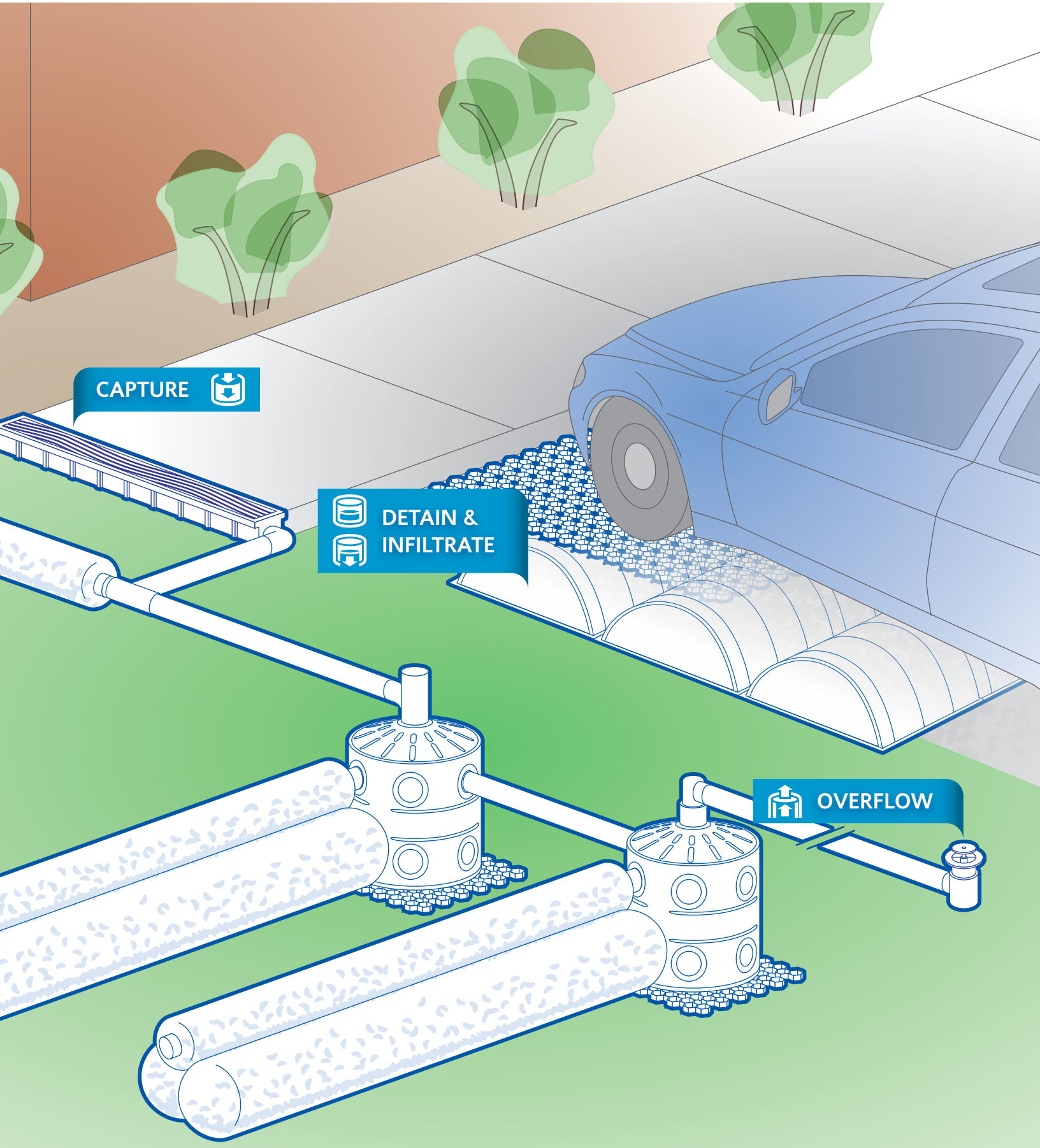
### INFILTRATE

Arrange Flo-Well® dry wells, NDS® StormChamber® and EZflow® infiltration trenches in customizable configurations and at depths suitable to existing site conditions, soil types and groundwater elevations.

- Flo-Well® has an open bottom and side knockouts to allow direct infiltration, and EZflow® maximizes soil-contact area for effective infiltration

### OVERFLOW

Allow for excess stormwater beyond the design storm to overflow from the system in a safe, suitable downstream location.


CAPTURE
DETAIN &
INFILTRATE
OVERFLOW

# SUBSURFACE DRAINAGE & INFILTRATION

# THE NDS SOLUTION

Whether you need a dry well, French drain or infiltration trench, NDS has you covered with innovative and proven subsurface drainage and stormwater infiltration products. EZflow® French drain system, NDS® StormChamber® and Flo-Well® dry well provide trusted performance for multiple applications and are lightweight and easy to install. These engineered solutions are proven time-and-labor savers that outperform traditional systems in flow through and storage capacity. When performance and sustainability matter, NDS solutions are the preferred choice of contractors, engineers and landscape architects. **EZflow®, NDS® StormChamber® and Flo-Well® are made in the USA and each contribute to project LEED credits when used as part of the stormwater management design and by contributing to the proportion of recycled materials.**

## EZflow®

**EZflow® offers an engineered and gravel-free alternative to a traditional French Drain system.** EZflow® can be used to lower subsurface groundwater elevations; protecting property and improving the health of playing fields and planted areas. It can also be used as an infiltration trench for managing stormwater runoff. Available in multiple diameters with or without pipe, this versatile product is an effective component of subsurface drainage and infiltration systems.

- Installs in half the time of traditional gravel systems
- Better flow capacity than traditional stone-and-pipe systems
- Up to H-10 load rating with 12" of compacted soil cover
- Over 100 million linear feet installed

## NDS® StormChamber®

**Stormwater chambers provide a lower cost alternative to drainage pipes for conveyance, with added benefits of groundwater recharge and water quality enhancement.** Stronger and easier to maintain, NDS® StormChamber® is the ideal solution for stormwater detention and/or infiltration, providing easy installation and design flexibility to meet target stormwater runoff rates, volume control and water quality requirements.

- Thermo-formed high density weight polyethylene HMWPE material won't crack
- 100-year life expectancy – Longest on the market
- Saves time and money – offers the lowest installed cost
- Proprietary SedimenTrap™ offers centralized sediment control, gathering sediment and pollutants in one place for quick removal by vacuum truck.

## Flo-Well®

**Flo-Well® engineered dry well presents an easy to install and sustainable solution for managing stormwater runoff.** Flo-Well® is a gravel-free alternative to a traditional dry well with up to 250% more detention volume. Used independently or as part of a larger system, Flo-Well® units collect and detain stormwater allowing for groundwater recharge. Units are modular and can be connected in series or stacked to meet a variety of project needs.

- Up to 50 gallons of detention volume per unit
- Connect units in series for larger volumes or stack for reduced footprint
- Fast and easy installation with no heavy equipment or gravel needed
- Manufactured from 100% recycled materials

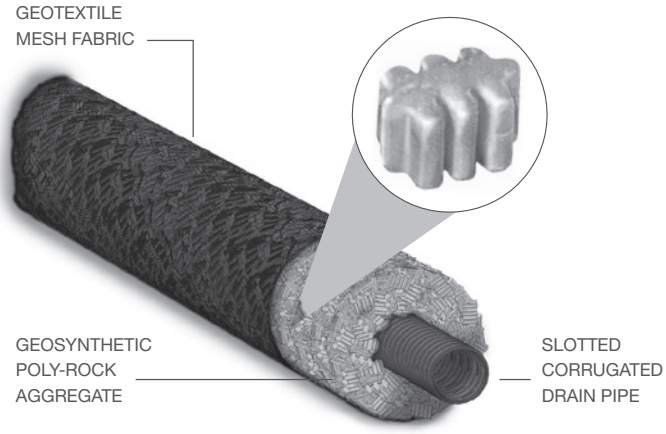
# EZFLOW®: A BETTER FRENCH DRAIN

- Gravel-free installation provides up to 50% labor savings over traditional systems
- Better flow through and detention volume than traditional systems
- Durable with a 100-year materials lifespan when installed
- Projects qualify for LEED credits

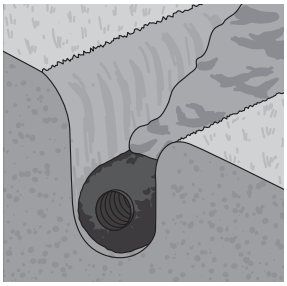
## EZflow® Drainage Bundles

EZflow® drainage bundles are 10 feet in length with a slotted pipe surrounded by expanded polystyrene aggregate and enclosed in geotextile mesh. Configurations are available in 7-inch bundles with or without a 3-inch pipe, 10-inch bundles with or without a 4-inch pipe, and 15-inch bundles with or without a 6-inch pipe. Accessories include 3-inch, 4-inch, and 6-inch internal couplers and end caps. EZflow® bundles can also be used with internal tees, and internal wyes. The 15-inch bundles are available with the pipe located in the center or bottom of the bundle for varying applications. Unless specifically required by code or other requirement, the pipe can be either centered or at the bottom of the bundle.

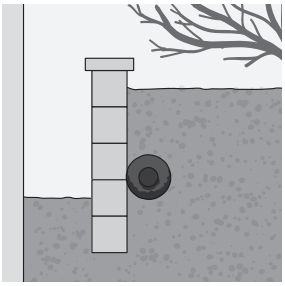
EZflow must be ordered in full bundle quantities.



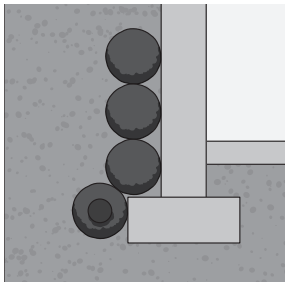

## Applications



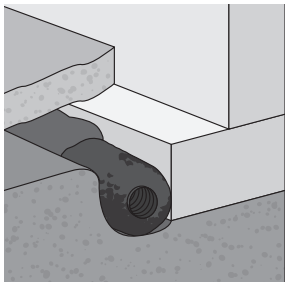
**French/Interceptor Drains**



**Planter/Retaining Walls**



**Foundation Drains**



**Basement/Crawlspace**

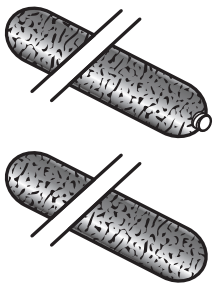
EZflow® drainage systems are appropriate for a wide range of applications and are a convenient alternative to traditional stone and pipe drainage, storage and infiltration systems. EZflow® drainage systems can be used as a substitute for stone in most applications where the stone is not utilized for structural support. A professional engineer, landscape architect or other qualified design professional should be consulted for complex applications.

Product selection is relative to the desired application and benefits from establishing anticipated flow into, through and out of a proposed drainage system configuration. Selection considerations include: bundle sizing and storage volume, the presence or absence of pipe, pipe size and location within the bundle, and arrangement of bundles. Design factors may include: length of system, watershed area, soil type and permeability, groundwater levels and system discharge opportunities. EZflow® drainage storage volumes and pipe discharge rates are listed on the next page.

# EZFLOW® ENGINEERED FRENCH DRAIN



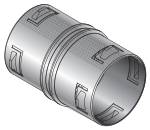
## EZflow® Gravel-Free French Drain



| Part No. | Description | Color | Bundle size/ Linear Feet | Wt. per Bundle (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| EZ-0701F | 7" mesh with 3" slotted pipe (center) | Black | 90 | 32.4 | 11RP | 10 ft. polyethylene slotted drain pipe surrounded by 100% recycled polystyrene aggregate and enclosed in 30-sieve polyethylene geotextile mesh. |
| EZ-1001F | 10" mesh with 4" slotted pipe (center) | Black | 50 | 29.5 | 11RP | |
| EZ-1501F | 15" mesh with 6" slotted pipe (center) | Black | 20 | 26.0 | 11RP | |
| EZ-0701A | 7" mesh without pipe – aggregate only | Black | 90 | 18.0 | 11RP | 10 ft. segment of 100% recycled polystyrene aggregate only, enclosed in 30-sieve polyethylene geotextile mesh. |
| EZ-1001A | 10" mesh without pipe – aggregate only | Black | 50 | 13.5 | 11RP | |
| EZ-1501A | 15" mesh without pipe – aggregate only | Black | 20 | 12.4 | 11RP | |

EZflow must be ordered in full bundle quantities.

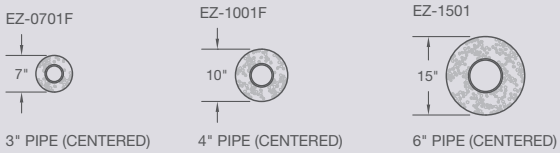
## EZflow® Internal Couplings & End Caps



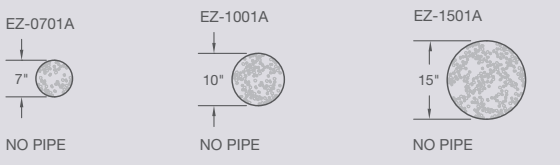
| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class |
|---|---|---|---|---|---|
| 3C05 | 3" Corrugated Internal Coupling | Black | 60/box | 0.30 | 11RP |
| 4C07 | 4" Corrugated Internal Coupling | Black | 36/box | 0.30 | 11RP |
| 6C07 | 6" Corrugated Internal Coupling | Black | 12/box | 0.80 | 11RP |
| 3C06 | 3" Corrugated End Cap | Black | 33/box | 0.30 | 11RP |
| 4C06 | 4" Corrugated End Cap | Black | 21/box | 0.50 | 11RP |
| 6C06 | 6" Corrugated End Cap | Black | 15/box | 0.50 | 11RP |

## Storage & Flow for EZflow® Drainage Bundles *(45% void space among consolidated EPS aggregate)*

| Pipe Bundles | | |
|---|---|---|
| Product | Storage Volume *(gallons/10 ft. piece)* | Flow Capacity *(gpm @ 1% slope)* |
| EZ-0701F | 11.4 | 80.8 |
| EZ-1001F | 21.5 | 130.9 |
| EZ-1501F | 45.8 | 345.0 |




| Aggregate-Only Bundles | | |
|---|---|---|
| Product | Storage Volume *(gallons/10 ft. piece)* | Flow Capacity *(gpm @ 1% slope)* |
| EZ-0701A | 8.8 | 37.1 |
| EZ-1001A | 17.2 | 75.7 |
| EZ-1501A | 36.5 | 170.3 |



# NDS® STORMCHAMBER®: THE MOST COST-EFFECTIVE CHAMBER SOLUTION

NDS® StormChambers® are subsurface structures that are used to collect, retain and discharge stormwater on commercial and residential sites. They provide a lower cost alternative to drainage pipes for conveyance, with the added benefits of groundwater recharge and water quality enhancement.

## Stronger & Easier to Maintain – High Volume Stormwater Retention

NDS® StormChamber® is the most cost-effective chamber solution on the market. Thermo-formed from high density weight polyethylene HMWPE material, it offers superior strength that won't crack even under the most extreme environments. Designed for fast installation and simple maintenance, NDS® StormChamber® is ideal for roadways, parking lots and fields and can stack, allowing for deeper installation and a smaller footprint.

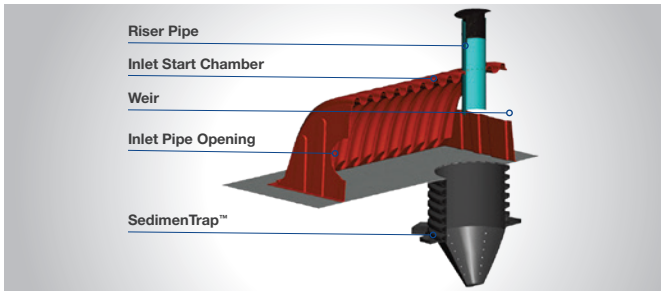
## Key Benefits:

**Strong, Flexible & Durable**

- Meets H-20 standards
- Up to 16' cover when deep installs are required for the 34". Up to 12' for the 44"
- 100-Year Life Expectancy
- Withstands the most extreme environments
- Material bends instead of breaks, giving it a brittleness temperature of -107° F vs. industry average of -2° F

**Fast Installation**

- Built-in end walls
- No header pipe manifold system required
- Flexible design
- Lowest installed cost




**Simple Maintenance**

- Differentiated and centralized sediment control
- SedimenTrap™ gathers sediments and other pollutants in one place for quick, easy and inexpensive removal by vacuum truck

**Stacks**

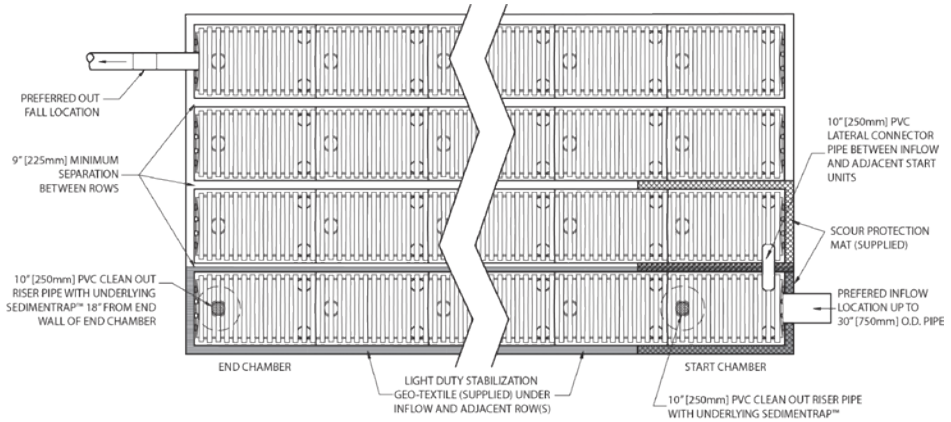
- 34" Chambers: Capable of 3-layer stacking
- 44" Chambers: Contact NDS DesignWorx for any projects that may need stacking
- We offer expert site-specific design guidance based on 20 years of successful completion of projects

# NDS® STORMCHAMBER®

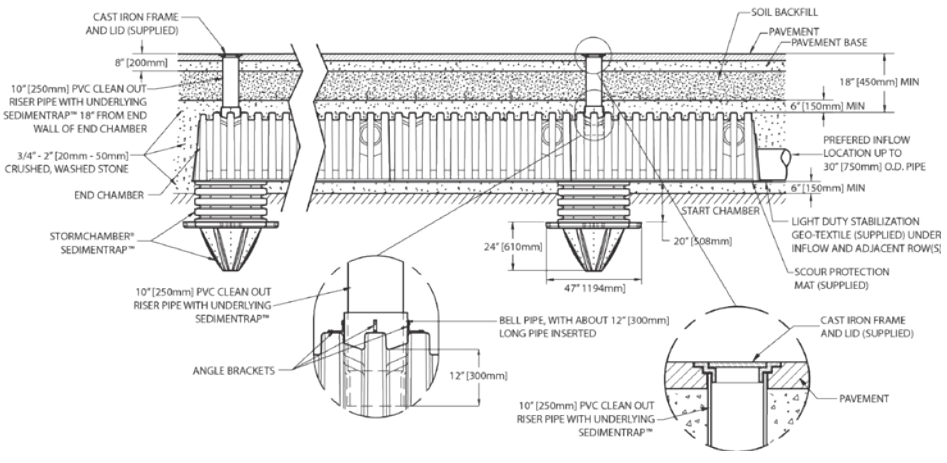


## NDS® StormChamber®

| Part No. | Description | Color | Length | Width | Height | Weight (lbs.) | Per Pallet | Product Class |
|---|---|---|---|---|---|---|---|---|
| SC-3475-S-O | 75CUFT START CHAMBER102X60X34 | Orange | 102" | 60" | 34" | 100 | 30 | 10SC |
| SC-3475-E-O | 75CUFT END CHAMBER102X60X34 | Orange | 102" | 60" | 34" | 100 | 30 | 10SC |
| SC-3475-M-O | 75CUFT MIDDLE CHAMBER102X60X34 | Orange | 102" | 60" | 34" | 100 | 30 | 10SC |
| SC-3475-C-O | 75CUFT CLOSE CHAMBER102X60X34 | Orange | 102" | 60" | 34" | 100 | 30 | 10SC |
| SC-44105-S-O | 105CUFT START CHAMBER90X78X44 | Orange | 90" | 78" | 44" | 120 | 20 | 10SC |
| SC-44105-E-O | 105CUFT END CHAMBER90X78X44 | Orange | 90" | 78" | 44" | 120 | 20 | 10SC |
| SC-44105-M-O | 105CUFT MID CHAMBER90X78X44 | Orange | 90" | 78" | 44" | 120 | 20 | 10SC |
| SC-44105-C-O | 105CUFT CLOSE CHAMBER90X78X44 | Orange | 90" | 78" | 44" | 120 | 20 | 10SC |
| SC-1820-S-O | 20CUFT START CHAMBER 18" | Orange | 100" | 37" | 18" | 53 | 45 | 10SC |
| SC-1820-E-O | 20CUFT END CHAMBER 18" | Orange | 100" | 37" | 18" | 53 | 45 | 10SC |
| SC-1820-M-O | 20CUFT MIDDLE CHAMBER 18" | Orange | 100" | 37" | 18" | 53 | 45 | 10SC |
| SC-1820-C-O | 20CUFT CLOSED CHAMBER 18" | Orange | 100" | 37" | 18" | 53 | 45 | 10SC |
| SC-ST | SEDIMENT TRAP | Orange | 47" OD | – | 2' | 3 | 4 | 10SC |
| SC-2412P | 24" x 12" HDPE Pipe | Orange | 24" | – | 12" | 9.25 | 20 | 10SC |
| SC-NWFF-500 | FILTER FABRIC NON-WOVEN LIGHT | Orange | 360' | 12.5' | 1.5' OD roll | 220 | 3 | 10SC |
| SC-WFF-75 | STABILIZATION FABRIC WOVEN MEDIUM | Orange | 75' | 7.5' | 0.75' OD roll | 75 | 16 | 10SC |
| SC-FL-10 | 10" FRAME AND LID | Orange | 20" OD | – | 3" | 24 | – | 10SC |
| SC-3020P | 30" X 20" HDPE PIPE | Orange | 36" OD | – | 20" | 45 | 4 | 10SC |




## NDS® StormChamber® Elevated View



# FLO-WELL®: A BETTER DRY WELL

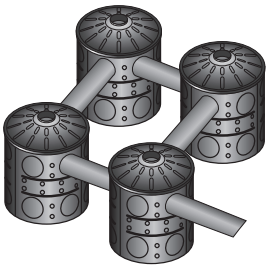
With the Flo-Well®, water can now be infiltrated into the subsoil rapidly and easily. Unlike competitive systems, there is no need for piping systems to transport stormwater to a far-off discharge point, large heavy equipment, considerable excavation of current landscaped areas, nor large labor costs that those systems incur. With Flo-Well, water infiltration is now easier than ever.

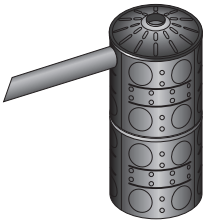
## Options

| Larger 9" or 12" grates can be added to Flo-Well to manage surface water. | Ideal as a stand-alone drain: | Ideal as a stand-alone reservoir: |
|---|---|---|
| **This option is ideal for draining:**<br>Golf course areas prone to puddling<br>Playground areas under slides and swings<br>Outdoor drinking fountain runoff<br>Outdoor showers at beaches<br>Wash-down areas | Disturbs only 4 square feet of turf to install<br>Requires less than 10 cubic feet of soil removed to bury<br>Measures only 24" in diameter by 28.75" high<br>Weighs only 22 pounds<br>Holds over 48 gallons. Or, connect to existing system for increased drainage capabilities | Collect and hold rainwater for lawn and garden irrigation (used with a pump connected to a garden hose)<br>Connect Flo-Well to rain gutters using a catch basin & grate below each downspout (see drawing)<br>Ideal solution for arid areas impacted by drought<br>Reservoir for pond and waterfall recirculation pumps |

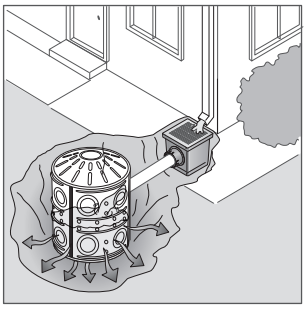
## Stackable & Expandable

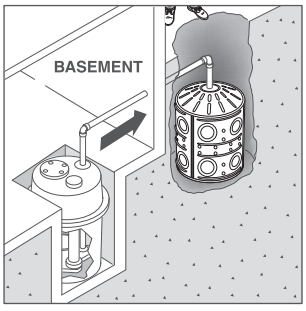
Flo-Well® can be used individually, connected in series or in any array, and can be stacked up to 4 units high (with center support pipe).


Connected

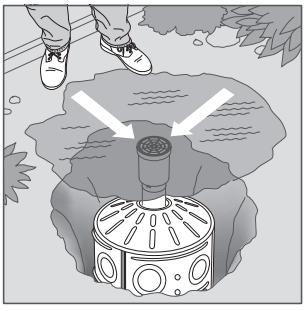

Stacked

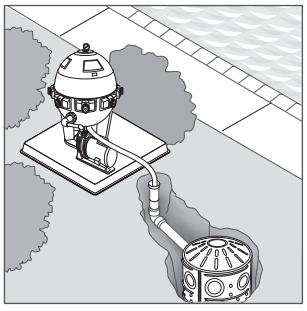
## Applications


For gutters and downspouts



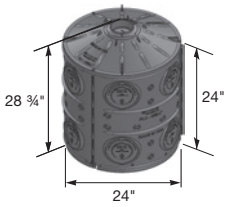
Install with sump pumps


Eliminates puddles

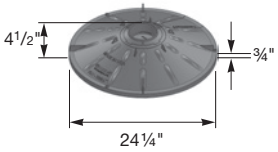

Backwash tank

# FLO-WELL® ENGINEERED DRY WELL

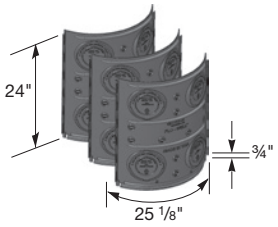




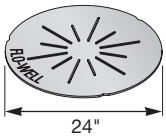

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| FWAS24WH | 24" diam. x 28.75"H Flo-Well® Stormwater Leaching System | Black | 1 | 18.96 | 10FW | NDS #FWAS24WH structural foam polyolefin round drywell system with UV inhibitors. 50 gal. storage capacity. |
| | **Includes 3 side panels, 1 top component.** Fits 4" Sch. 40 Pipe and 4" DWV Pipe. | | | | | |



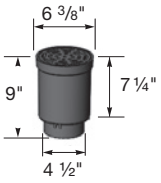

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| FWAS24CWH | 24" diam. Flo-Well® Cover | Black | 2 | 5.92 | 10FW | Structural foam polyolefin round drywell system cover with UV inhibitors. 24-1/4" dia., 4-1/2" height, 3/4" outer lip, 4.5" center knockout fits NDS #FWSD69, std pipe and 4" Sch. 40 pipe. |
| | Use with #FWAS24. | | | | | |



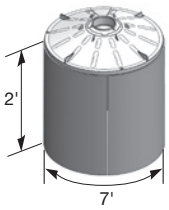

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| FWSPS3WH | Flo-Well® Side Panels/Extension Only | Black | 1 | 4.35 | 10FW | Structural foam polyolefin side panels with UV inhibitors with 22 1-1/2" knockout leaching ports and 4 4.5" knockout inlet/outlet ports per panel. 0.75" lip for firm stacking. |
| | **Includes 3 side panels; makes 1 round drywell.** (May also be used as a durable compost bin) | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| FWBP24 | 24" diam. Flo-Well® Bottom | Black | 5 | 3.41 | 10FW | Structural foam polyolefin round Flo-Well® bottom with UV inhibitors. 24" diameter with six 1-1/2" leaching ports. Collects debris for easy cleanout. |
| | Fits #FWAS24. (Not included in #FWAS24 kit) | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| FWSD69 | 4" Sch. 40 Surface Drain Inlet with Grate | Black | 8 | 1.85 | 10FW | Structural foam polyolefin 6" grate with 4" inlet with UV inhibitors. 6" diameter at inlet. 9" high. 4.5" OD fits Sch. 40 PVC fittings. Open surface area 8.22 square inches. 25.15 GPM. |
| | Fits #FWAS24 and #FWAS24C. ADA Compliant. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| FWFF67 | Porous Filter Fabric Wrap for Flo-Well® | Black | 1 | 0.35 | 10FW | 7' long x 2' wide to surround Flo-Well® Drywell System. Non-woven fabric. Weight 1 oz. Mullen burst 175 psi. 200 GPM flow-through. |
| | Use with #FWAS24. | | | | | |

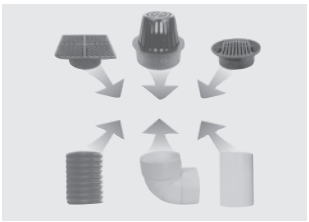
# CATCH BASINS

NDS catch basins and grates collect surface water while minimizing the amount of debris entering the system

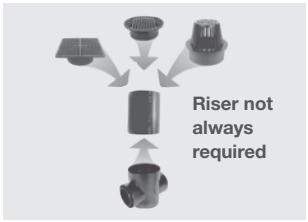
Available in a range of sizes from 6" round to 24" square, and with various grating and filter options for commercial and residential systems.

## NDS Drainage Solutions

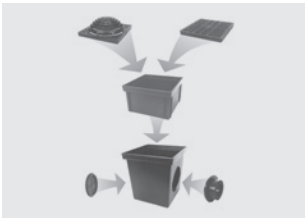
NDS offers a complete line of catch basins and grates for residential and commercial stormwater management solutions. NDS catch basins have sump areas that collect debris and prevent clogging of the pipeline, and grates are available in a variety of patterns and colors to blend in with surrounding surfaces. Depending on the size of the round, square, or atrium grates, they may fit directly into a riser of pipe, sewer and drain fitting, or our catch basins.



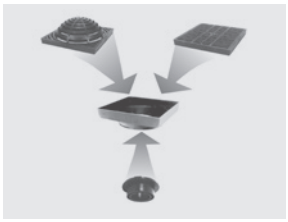
**Small Grates**




**Spee-D® Basin**



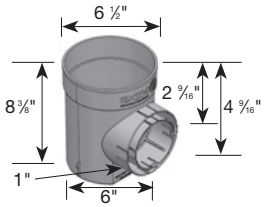
**Large Catch Basin**

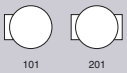


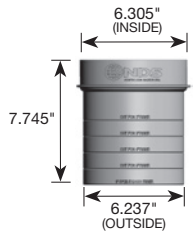
**Adapter**

## Spee-D® Basins

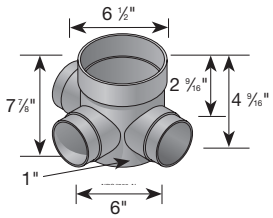
Use our compact 6" round Spee-D Basins with grates to collect runoff water while its sump area collects debris and prevents clogging. Also use Spee-D Basins with 6" Pop-Up Emitters to provide a point of discharge or overflow in a drainage system.

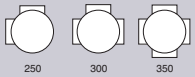



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 101 | One 3" and 4" Locking Outlet | Black | 10 | 1.60 | 10ND | 6" styrene catch basin with locking outlet. Up to ## GPM per outlet capacity. |
| 101GRKIT | Spee-D Basin with 6" Green Round Grate | Green Grate | 6 | 2.10 | 10ND | |
| 201 | Two 3" and 4" Locking Outlets | Black | 10 | 1.83 | 10ND | |
| | Spee-D Basins and kits fit 3" or 4" Sewer & Drain Pipe, 3" or 4" Corrugated Pipe, 4" Sch. 40 and 3" & 4" Triple Wall Pipe. Use new Spee-D Riser or 6" Sewer and Drain Pipe as a riser for all 6" round catch basins. Use waterproof silicone to make water-tight connections. Locking Outlet snaps on to most 3" and 4" corrugated pipe. | | | | |  101 201 Kits contain 1-outlet Spee-D Basin & Grate as described. |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 101R | Spee-D Basin Riser | Black | 12 | 1.07 | 10ND | 6" Riser for Spee-D Basin. Styrene. |
| | Use with any Spee-D Basin to add from 2" to 6" to top of basin. Can be cut to size and has guidelines in 1" increments. Compatible with all grates that fit Spee-D Basin. | | | | | |

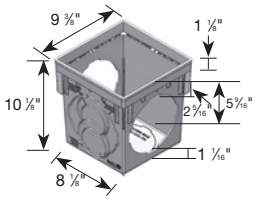



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 250 | Two - 4" 90° Outlets | Black | 12 | 1.64 | 10ND | 6" styrene catch basin with pipe outlets. 83 GPM per outlet capacity. |
| 300 | Three - 4" Outlets | Black | 12 | 1.82 | 10ND | |
| 350 | Four - 4" Outlets | Black | 12 | 2.00 | 10ND | |
| | Fit 4" Sewer & Drain pipe and fittings, 4" SCH40 and Corrugated Pipes. Use Spee-D Basin Riser 101R or 6" Sewer & Drain pipe as riser extension. | | | | |  250 300 350 |

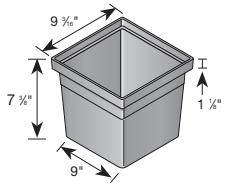
# CATCH BASINS

## 9" Catch Basin Series

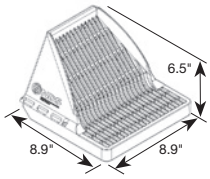
| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 900FF | 9" Catch Basin Filter | Blue Frame/ Black Bag | 8 | 0.06 | 10ND | Polypropylene Frame Fabric is non-woven geotextile 956 PM/SF. |
| | Compatible with these basins: 900, 900-4 and 916 NDS Catch Basins, Risers and Kits | | | | | |



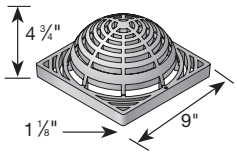

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 900BLKIT | 9" x 9" Catch Basin Kit | Black Grate | 4 | 4.90 | 10ND | 9" x 9" tapered Catch Basin. Polypropylene. |
| 900GRKIT | 9" x 9" Catch Basin Kit | Green Grate | 4 | 4.90 | 10ND | |
| 900KITDISP | 9" x 9" Catch Basin Kits in Display Box | Blk/Grn Grates | 8 | 39.2 | 10ND | Kits include 2-opening Catch Basin, Grate, Screws, 2 Outlets and 1 Plug. |
| 900 | 9" x 9" Catch Basin 2-opening | Black | 4 | 2.18 | 10ND | |
| 900-4 | 9" x 9" Catch Basin 4-opening | Black | 4 | 2.00 | 10ND | DISP includes 4 kits with black grates and 4 green |
| | Requires either #1206, #1242, #1243, #1245 or #1266 Universal Outlet to connect pipe to basin. (see page 35) | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 916 | 9" x 9" Catch Basin Riser | Black | 4 | 1.75 | 10ND | 6" Riser for 9" x 9 Catch Basin. Styrene. |
| | Use with 9" x 9" Catch Basin Series. Stacks on top of 9" catch basins to add up to 6" to top of basin. Can be cut to size. | | | | | |

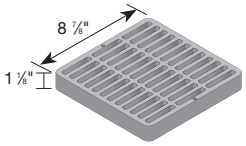



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 900DSG | 9" x 9" Downspout Defender Grate | Black | 4 | 0.8 | 10ND | 9" x 9" Downspout Grate, Structural Foam Polyolefin with UV inhibitors. 146 GPM. |
| | Fits all NDS 9" square Catch Basins, Risers and Low-Profile Adapters | | | | | |
| 900DSGKIT | 9" x 9" Low-Profile Downspout Kit | Black | 4 | 2.25 | 10ND | Kit includes 9" Downspout Defender Grate, 930 low-profile adapter and 1243 outlet adapter. 146 GPM. |
| | Receives downspouts from 2" to 4" round or square. Fits 3" & 4" Corrugated Pipe, 3" & 4" Sewer and Drain Pipe, 4" Sewer and Drain Fittings, 4" Schedule 40 Pipe, and 3" & 4" Triple Wall Pipe. | | | | | |



⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 981 | 9" x 9" Atrium Grate | Black | 6 | 0.87 | 10ND | 9" Structural Foam Polyolefin Dome Atrium Grate with UV inhibitor. Open surface area 31.50 square inches. 96.36 GPM. |
| 991 | 9" x 9" Atrium Grate | Green | 6 | 0.87 | 10ND | |
| | Use with 9" x 9" Catch Basin Series. | | | | | |



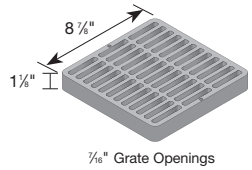
7/16" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 980 | 9" Square Grate | Black | 8 | 1.50 | 10ND | 9" Square Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 37.49 square inches. 114.69 GPM. |
| 990 | 9" Square Grate | Green | 8 | 1.50 | 10ND | |
| 999 | 9" Square Grate | Gray | 8 | 1.50 | 10ND | |
| 999S | 9" Square Grate | Sand | 8 | 1.50 | 10ND | |
| | Use with 9" x 9" Catch Basin Series. NDS #980, 990, 999, 999S: Class A Load Rated. ADA Compliant. NDS #930B: Class B Load Rated. (see page 79). ADA Compliant. | | | | | |

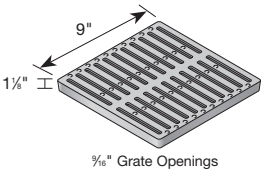
# CATCH BASINS

## 9" Catch Basin Series (continued)

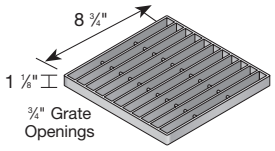




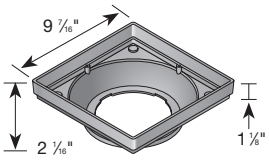

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 930B | 9" Square Brass Grate | Brass | 1 | 5.11 | 15BR | Open surface area 34.00 square inches. 104.01 GPM. Includes SS Screws. |
| | (see page 79). ADA Compliant. | | | | | |



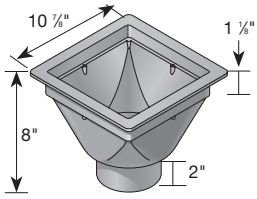

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 913 | 9" Square Ductile Iron Grate | Black* | 4 | 7.89 | 10ND | 9" Square Heavy-Duty Ductile Iron Grate. Open surface area 21.70 square inches. 66.38 GPM. |
| | Use with 9" x 9" Catch Basin Series.<br>*Painted for shipping & display only; grate will form iron-oxide patina<br>(see page 79) | | | | | |



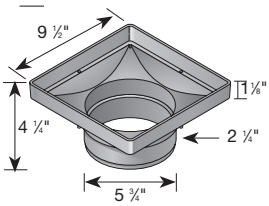

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 915 | 9" Square Galvanized Steel Grate | Galvanized Steel | 4 | 3.80 | 10ND | 9" Square Heavy-Duty Galvanized Steel Bar Grate. Open surface area 61.94 square inches. 189.48 GPM. |
| | Use with 9" x 9" Catch Basin Series.<br>(see page 79) | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 930 | 9" x 9" Low-Profile Adapter | Black | 8 | 0.75 | 10ND | 9" x 9 Low-Profile Adapter. Styrene.<br><br>Kits contain Low-Profile Adapter, 3" & 4" Universal Locking Outlet and Grate as described. |
| 930GRKIT | 9" x 9" Low-Profile Adapter with Flat Green Grate and 3" & 4" Universal Locking Outlet | Green Grate | 8 | n/a | 10ND | |
| | Adapter alone requires #1242, #1243, #1245, #1266 or #1889 Universal Outlets to connect to 3", 4", 6" or 8" Sewer and Drain or Corrugated Pipes (see page 35). Kits contain #1243 outlet. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 931 | 9" x 9" Deep Housing Spigot Adapter | Black | 10 | 2.40 | 10ND | 9" x 9" Square Deep Housing Spigot Adapter. Styrene. |
| | Fits 4" Corrugated Pipe.<br>Use #933 to adapt to 4" Sewer and Drain Pipe. | | | | | |

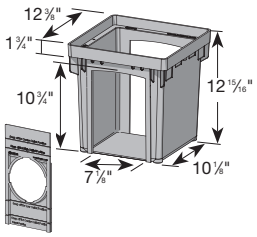



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 932 | 9" x 9" Low-Profile Housing Adapter | Black | 8 | 1.13 | 10ND | NDS #932, 9" x 9" Square Low-Profile Housing Adapter with 6" Outlet. Styrene. |
| | Fits 6" Spee-D® Basin and 6" Sewer and Drain Pipe & Fittings. | | | | | |

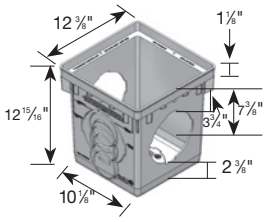
# CATCH BASINS

## 12" Catch Basin Series

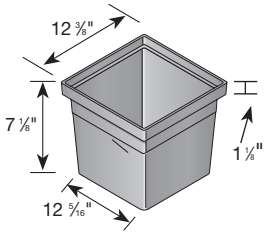
| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1200FF | 12" Catch Basin Filter | Blue Frame/ Black Bag | 8 | 0.10 | 10ND | Polypropylene Frame Fabric is non-woven geotextile, 300 Gallons/ Square foot/minute at 3 inches of head and 30 Sieve. |
| | Compatible with all NDS 12"x12" grates except plastic botanical 1218, 1218GR, 1218GY, 1218S. | | | | | |



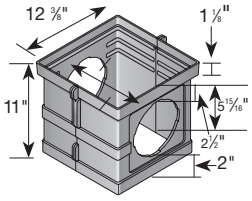

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1200NGBKIT | 12" x 12" Catch Basin, 2 Open Slides | Black | 4 | 4.65 | 10ND | Adjustable Outlet Catch Basin. Sides adjust to 3 different outlet elevations. Polypropylene basin and styrene sides. |
| | Compatible with 12" x 12" Catch Basin Risers and Grates.<br>Does not include grate or outlets | | | | | |



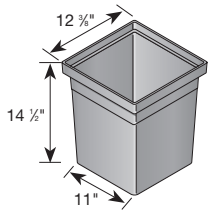

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1200BLKIT | 12" x 12" Catch Basin Kit | Black Grate | 4 | 7.59 | 10ND | 12" x 12" Tapered Catch Basin. Polypropylene.<br>Kits include 2-opening Catch Basin, Grate, Screws, 2 Outlets and 1 Plug.<br>DISP includes 4 kits with black grates and 4 green |
| 1200GRKIT | 12" x 12" Catch Basin Kit | Green Grate | 4 | 7.59 | 10ND | |
| 1200KITDISP | 12" x 12" Catch Basin Kits in Display Box | Blk/Grn Grates | 8 | 7.59 | 10ND | |
| 1200 | 12" x 12" Catch Basin, 2 Openings | Black | 4 | 4.25 | 10ND | |
| 1203 | 12" x 12" Catch Basin, 3 Openings | Black | 4 | 3.75 | 10ND | |
| 1204 | 12" x 12" Catch Basin, 4 Openings | Black | 4 | 3.75 | 10ND | |
| | Requires either #1206, #1242, #1243, #1245, #1266 or #1889 Universal Outlet to connect pipe to basin (see page 35). Bottom cutout can be removed. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1216 | 12" x 12" Catch Basin Riser | Black | 8 | 2.75 | 10ND | 6" Riser for 12" Catch Basin. Styrene. |
| | Use with 12" x 12" Catch Basin Series.<br>Stacks on top of 12" catch basins to add up to 6" to top of basin. Can be cut to size. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1217 | 12" x 12" Riser with 2 Openings | Black | 4 | 4.00 | 10ND | 12" Riser with Two Openings. Styrene. |
| | Nests on top of 12" Catch Basin Series for shallow outlets and 12" Sump Box for more sump area. Requires either #1206, #1242, #1243, #1245, #1266 or #1889 Universal Outlet to connect pipe to riser. | | | | | |

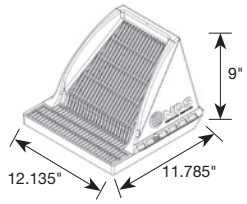



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1225 | 12" x 12" Sump Box | Black | 4 | 6.75 | 10ND | One-piece 12" Sump Box. Styrene. |
| | Use with 12" x 12" Grate #1216 or #1220 Sump/Valve Box Cover | | | | | |

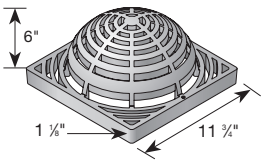
# CATCH BASINS

## 12" Catch Basin Series (continued)



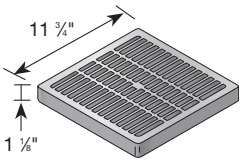



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1200DSG | 12" x 12" Downspout Defender Grate | Black | 8 | n/a | 10ND | 12" x 12" Downspout Grate. Structural Foam Polyolefin with UV inhibitor. 247 GPM. |
| | Receives downspouts from 2" to 6" round or square.<br>Fits all NDS 12" square Catch Basins, Risers and Low-Profile adapters. | | | | | |



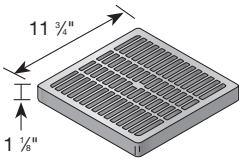
⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1280 | 12" x 12" Atrium Grate | Green | 8 | 1.74 | 10ND | 12" Structural Foam Polyolefin Dome Atrium Grate with UV inhibitor. Open surface area 50.60 square inches. 154.79 GPM. |
| 1290 | 12" x 12" Atrium Grate | Black | 8 | 1.74 | 10ND | |
| | Use with 12" x 12" Catch Basin Series. | | | | | |



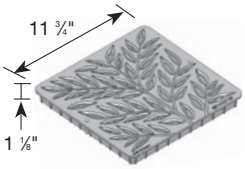
⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1210 | 12" x 12" Square Grate | Gray | 8 | 2.33 | 10ND | 12" Square Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 50.76 square inches. 155.28 GPM. |
| 1211 | 12" x 12" Square Grate | Black | 8 | 2.33 | 10ND | |
| 1212 | 12" x 12" Square Grate | Green | 8 | 2.33 | 10ND | |
| 1212S | 12" x 12" Square Grate | Sand | 8 | 2.33 | 10ND | |
| | Use with 12" x 12" Catch Basin Series.<br>(see page 79). ADA Compliant. | | | | | |



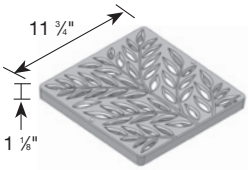
⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1230B | 12" Square Brass Grate | Brass | 1 | 9.24 | 15BR | Open surface area 42.87 square inches. 131.14 GPM. Includes SS Screws. |
| | (see page 79). ADA Compliant. | | | | | |



⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1218S | 12" x 12" Square Botanical Grate | Sand | 8 | 3.27 | 10ND | 12" Square Structural Foam Polyolefin Botanical Grate with UV inhibitor. Open surface area 24.44 square inches. 74.77 GPM. Class B load rated. |
| 1218GR | 12" x 12" Square Botanical Grate | Green | 8 | 3.27 | 10ND | |
| 1218GY | 12" x 12" Square Botanical Grate | Gray | 8 | 3.27 | 10ND | |
| 1218 | 12" x 12" Square Botanical Grate | Black | 8 | 3.27 | 10ND | |
| 839 | Stainless Steel Screws, FH #6 x 1-3/4" | Metal | 40/Bag | n/a | 10ND | |
| | (see page 79). ADA Compliant. Not compatible with 1200FF filter. | | | | | |



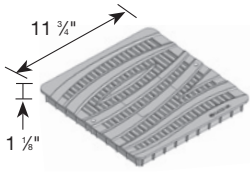
⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1218CI | 12" x 12" Square Botanical Cast Iron Grate | Black* | 1 | 12.67 | 10ND | 12" Square Cast Iron Botanical Grate. Open surface area 24.44 square inches. 74.77 GPM. Class B load rated. |
| # 629 | Stainless Steel Screws, FH #20 x 1-1/2" | Metal | 40/Bag | n/a | 10ND | |
| | *Painted for shipping & display only; grate will form iron-oxide patina<br>(see page 79). ADA Compliant. | | | | | |

# CATCH BASINS

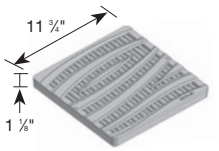
## 12" Catch Basin Series (continued)





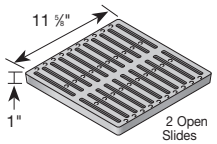
⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1224S | 12" x 12" Square Wave Grate | Sand | 8 | 2.68 | 10ND | 12" Square Structural Foam Polyolefin Wave Grate with UV inhibitor. Open surface area 25.67 square inches. 78.53 GPM. Class B load rated. |
| 1224GR | 12" x 12" Square Wave Grate | Green | 8 | 2.68 | 10ND | |
| 1224GY | 12" x 12" Square Wave Grate | Gray | 8 | 2.68 | 10ND | |
| 1224 | 12" x 12" Square Wave Grate | Black | 8 | 2.68 | 10ND | |
| 839 | Stainless Steel Screws, FH #6 x 1-3/4" | Metal | 40 | n/a | 10ND | |
| | (see page 79). ADA Compliant. Compatible with 1200FF filter. | | | | | |



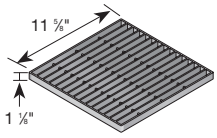
⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1224CI | 12" x 12" Square Wave Cast Iron Grate | Black* | 1 | 13.90 | 10ND | 12" Square Cast Iron Wave Grate. Open surface area 25.60 square inches. 78.31 GPM. Class B load rated. |
| 629 | Stainless Steel Screws, FH #20 x 1-1/2" | Metal | 40 | n/a | 10ND | |
| | *Painted for shipping & display only; grate will form iron-oxide patina (see page 79). ADA Compliant/Heel-proof. | | | | | |



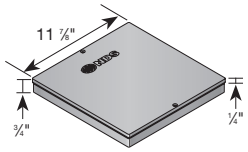
¾" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1213 | 12" x 12" Square Ductile Iron Grate | Black* | 1 | 15.30 | 10ND | 12" Square Heavy-Duty Ductile Iron Grate. Open surface area 37.20 square inches. 113.80 GPM. |
| | Use with 12" x 12" Catch Basin Series. *Painted for shipping & display only; grate will form iron-oxide patina (see page 79). ADA Compliant. | | | | | |

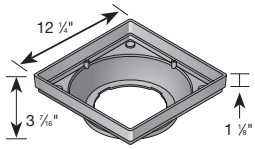


¾" Grate Openings

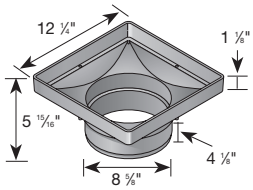
| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1215 | 12" x 12" Square Galvanized Steel Grate | Galvanized Steel | 1 | 5.85 | 10ND | 12" Square Heavy-Duty Galvanized Steel Bar Grate. Open surface area 113.78 square inches. 348.07 GPM. |
| | Use with 12" x 12" Catch Basin Series. (see page 79) | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1220 | 12" x 12" Sump/Valve Box Cover | Black | 8 | 2.23 | 10ND | NDS #1220, 12" Square Structural Foam Polyolefin Solid Cover. |
| | Use with NDS 12" x 12" Catch Basin Series, #1225 Sump Box and #1219 Backwater Valve Box. | | | | | |



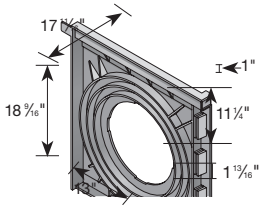

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1230 | 12" x 12" Low-Profile Adapter | Black | 8 | 1.25 | 10ND | 12" x 12" Low-Profile Adapter. Styrene. |
| | Adapter #1242, #1243, #1245, #1266 or #1889 Universal Outlets to connect to 3", 4", 6" or 8" Sewer and Drain or Corrugated Pipes (see page 35). | | | | | |



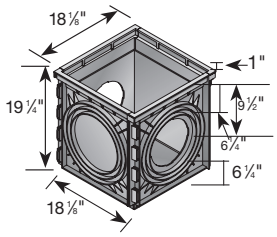

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1222 | 12" x 12" Square, Low-Profile Spigot Adapter – Fits 8" single-wall corrugated pipe, sewer and drain pipe and Schedule 40 pipe and dual-wall N-12 corrugated pipe | Black | 12 | 1.92 | 10ND | 12" x 12" Low-Profile Adapter. Styrene. |
| | Use with NDS 12" x 12" Grates | | | | | |

# CATCH BASINS

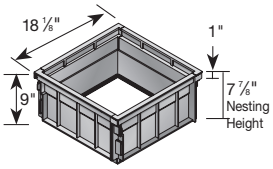
## 18" Catch Basin Series



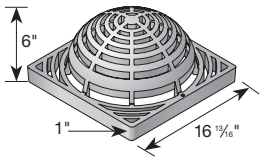

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1882 | 18" One-Piece Catch Basin 2 Openings | Black | 1 | 10.00 | 10ND | 18"x18" One-Piece Tapered Catch Basin. Structural Foam Polyolefin. |
| 1882BLKIT | 18" Catch Basin Kit with Black Plastic Grate | Black Grate | | 21.00 | 10ND | |
| 1882GRKIT | 18" Catch Basin Kit with Green Plastic Grate | Green Grate | 1 | 21.00 | 10ND | Kits include 2-opening Catch Basin, Grate, Screws, 6" Outlet, 8" Outlet, Reducer Rings and Plug |
| 1884 | 18" One-Piece Catch Basin 4 Openings | Black | 1 | 9.65 | 10ND | |
| | Requires either #1206, #1242, #1243, #1245, #1266, #1888 or #1889 Universal Outlet to connect pipe to basin. Includes 2 or 4 #1890 Reducer Rings. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1800 | 18" x 18" Catch Basin 2 Openings* | Black | 1 | 16.00 | 10ND | 18" x 18" Modular Catch Basin with Locking Tabs. Styrene. |
| 1804 | 18" x 18" Catch Basin 4 Openings* | Black | 1 | 16.00 | 10ND | |
| | Assembly Required. #1800 includes: 2 #1822, 2 #1820, 1 #1828. #1804 includes: 4 #1822, 1 #1828. Use #1800 and #1804 with #1206, #1243, #1245, #1266 or #1888 Universal Outlets to connect pipes to basin. Includes 2 or 4 #1890 Reducer Rings. (Note: Use Silicone to seal joints.) | | | | | |

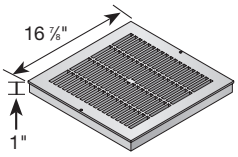



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1816 | 8" Riser for 18" Catch Basin | Black | 1 | 6.00 | 10ND | 8" Riser for 18" x 18" Catch Basin. Styrene. |
| | Riser package includes 4 sides. Use with #1800, #1804, #1882 or #1884. | | | | | |



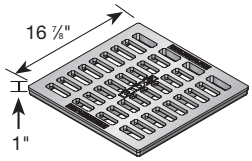
½" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1881 | 18" x 18" Atrium Grate | Black | 2 | 6.51 | 10ND | 18" Structural Foam Polyolefin Dome Atrium Grate with UV inhibitor. Open surface area 89.40 square inches. 273.49 GPM. |
| 1891 | 18" x 18" Atrium Grate | Green | 2 | 6.51 | 10ND | |
| | Use with 18" x 18" Catch Basin Series. | | | | | |



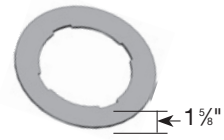
7/16" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1810 | 18" x 18" Square Grate | Gray | 4 | 7.72 | 10ND | 18" Square Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 86.31 square inches. 264.03 GPM. |
| 1811 | 18" x 18" Square Grate | Black | 4 | 7.72 | 10ND | |
| 1812 | 18" x 18" Square Grate | Green | 4 | 7.72 | 10ND | |
| | Use with 18" x 18" Catch Basin Series. (see page 79). ADA Compliant. | | | | | |



1" Grate Openings

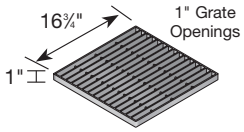
| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1813 | 18" x 18" Cast Iron Square Grate | Black* | 1 | 46.00 | 10ND | 18" Square Heavy-Duty Cast Iron Grate. Open surface area 110.70 square inches. 338.65 GPM. H-20 Load Rating. |
| | Use with 18" x 18" Catch Basin Series. *Painted for shipping & display only; grate will form iron-oxide patina | | | | | |



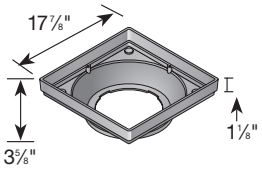

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1890 | Universal Outlet Reducer Ring | Black | 8 | 0.33 | 10ND | Styrene. |
| | Required on #1821 basin side when using 3", 4" or 6" pipe. Required on #1821 basin side when connecting to #1206, #1243, #1245, #1266 or #1889 Universal Outlets. | | | | | |

# CATCH BASINS

## 18" Catch Basin Series (continued)



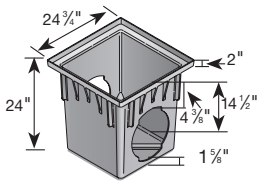

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1815 | 18" Square Galvanized Steel Grate | Galvanized Steel | 1 | 10.78 | 10ND | 18" Square Heavy-Duty Galvanized Steel Bar Grate. Open surface area 239.00 square inches. 731.13 GPM. |
| | Use with 18" x 18" Catch Basin Series. (see page 79) | | | | | |



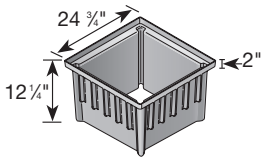

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1830 | 18" x 18" Low-Profile Adapter | Black | 4 | 4.75 | 10ND | 18" x 18" Low-Profile Adapter. Styrene. |
| | Includes NDS #1890 Reducer Ring.<br>Requires either an NDS #1243, #1245, #1266 or #1888 Universal Outlet to connect to pipe. | | | | | |

# CATCH BASINS

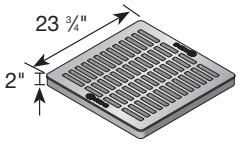
## 24" Catch Basin Series




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 2400 | 24" x 24" Catch Basin, 2 Openings | Black | 1 | 18.00 | 10ND | 24" x 24" One-Piece Tapered Catch Basin. HDPE with Structural Foam. Kits include 2-opening Catch Basin, Grate, 12"/10" Outlets, 8" Outlet, Reducer Rings and Plug |
| 2400BLKIT | 24" Catch Basin Kit with Black Plastic Grate | Black Grate | | 50.00 | 10ND | |
| 2400GRKIT | 24" Catch Basin Kit with Green Plastic Grate | Green Grate | 1 | 50.00 | 10ND | |
| 2404 | 24" x 24" Catch Basin, 4 Openings | Black | 1 | 15.00 | 10ND | |
| | #2400 & #2404 Require 2 or 4 #2410 Universal Outlets. | | | | | |

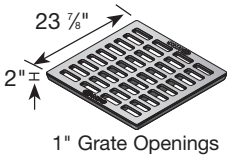



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 2418 | 24" x 24" Catch Basin Extension (No Bottom) | Black | 1 | 14.60 | 10ND | 8" Extension for 24" x 24" Catch Basin. HDPE with Structural Foam. |
| | Use with 24" x 24" Catch Basin Series. | | | | | |



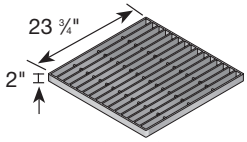

⅞" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 2411 | 24" x 24" Square Grate | Black | 1 | 19.75 | 10ND | 24" Square HDPE with Structural Foam Grate with UV inhibitor. Open surface area 231.69 square inches. 708.77 GPM. |
| 2412 | 24" x 24" Square Grate | Green | 1 | 19.75 | 10ND | |
| | Use with 24" x 24" Catch Basin Series. (see page 79) | | | | | |



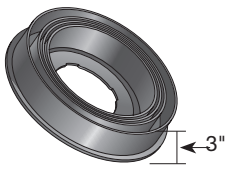

1" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 2413 | 24" x 24" Square Cast Iron Grate | Black* | 1 | 147.00 | 10ND | 24" Square Heavy-Duty Cast Iron Grate. Open surface area 197.00 square inches. 602.65 GPM. Structural Foam. |
| | Use with 24" x 24" Catch Basin Series. *Painted for shipping & display only; grate will form iron-oxide patina (see page 79) | | | | | |




1 ¼" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 2415 | 24" x 24" Square Galvanized Steel Grate | Galvanized Steel | 1 | 62.88 | 10ND | 24" Square Heavy-Duty Galvanized Steel Bar Grate. Open surface area 422.45 square inches. 1292.33 GPM. Structural Foam. |
| | Use with 24" x 24" Catch Basin Series. (see page 79) | | | | | |

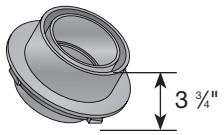



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 2410 | 10" & 12" Universal Adapter | Black | 1 | 4.20 | 10ND | 10"/12" Universal Adapter. HDPE. |
| | Includes #1890 (comes pre-inserted). Fits 10" and 12" Sewer and Drain Pipe; 10" and 12" Dual Wall Corrugated Pipe; 12" Single Wall Corrugated Pipe (does not fit 10" Single Wall Corrugated Pipe). Reduces opening to fit most 3" to 8" adapters above (all except #1889) for use with 3", 4", 6" and 8" Sewer and Drain Pipe; 3", 4", 6" and 8" Corrugated Pipe; and 4" Sch. 40 Pipe (select corresponding adapter above). Use with 24" Catch Basin Series. | | | | | |

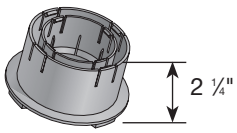
# CATCH BASINS

## Catch Basin Universal Outlets

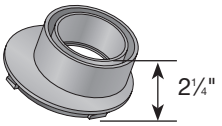
Universal Outlets and Adapters allow you to quickly connect to 3"-12" drain pipes to accommodate the needs of any job. They offer greater flexibility during install saving time and money.



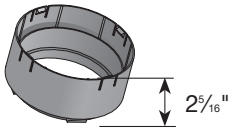

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1242 | 3" & 4" Universal Outlet w/4" Internal Spigot | Black | 20 | 0.74 | 10ND | 3" & 4" Universal Outlet. Styrene. |
| | Fits 3" & 4" Corrugated Pipe, 3" & 4" Sewer and Drain Pipe, 4" Sch. 40 Pipe, 4" Triple Wall Pipe. Allows for adjusting internal basin invert heights with Sewer and Drain fitting. Use with 9", 12", 18" and 24" Catch Basin Series. Internal spigot fits 4" Sewer and Drain Fittings. Use with 24" Catch Basin also requires #2410 Adapter. | | | | | |



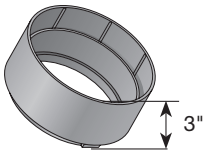

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1243 | 3" & 4" Universal Locking Outlet* | Black | 20 | 0.60 | 10ND | 3" & 4" Patented Universal Locking Outlet. Styrene. |
| | Fits 3" & 4" Corrugated Pipe, 3" & 4" Sewer and Drain Pipe, 4" Sch. 40 Pipe and 3" & 4" Triple Wall Pipe. Use with 9", 12", 18" and 24" Catch Basin Series and #930, #1230, #1830 and #2410 Adapters. Use with 24" Catch Basin also requires #2410 Adapter. *Locking Outlet snaps on to most 3" and 4" corrugated pipe. | | | | | |



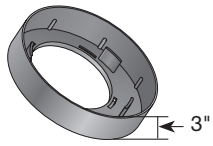

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1245 | 3" & 4" Offset Universal Outlet | Black | 20 | 0.50 | 10ND | 3" & 4" Offset Universal Outlet. Styrene. |
| | Fits 3" & 4" Corrugated Pipe, 3" & 4" Sewer and Drain Pipe, 4" Sch. 40 Pipe, 4" Triple Wall Pipe. Allows for adjusting inlet height. Use with 9", 12", 18" and 24" Catch Basin Series. Use with 24" Catch Basin also requires #2410 Adapter. | | | | | |



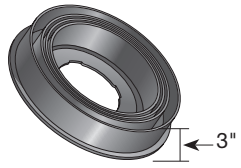

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1266 | 6" Universal Locking Outlet* | Black | 20 | 0.55 | 10ND | 6" Universal Locking Outlet. Styrene. |
| | Fits 6" Sewer and Drain Pipe, 6" Corrugated Pipe. Use with 9", 12", 18" and 24" Catch Basin Series and #930, #1230 and #1830 Low-Profile Adapters. Use with 24" Catch Basin also requires #2410 Adapter. *Locking Outlet snaps on to most 6" corrugated pipe. | | | | | |



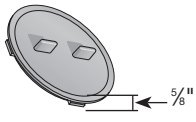

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1888 | 8" Universal Outlet | Black | 8 | 1.05 | 10ND | 8" Universal Outlet. Styrene. |
| | Fits 8" Sewer and Drain Pipe, 8" Corrugated Pipe. Use with 18" and 24" Catch Basin Series. Use with 24" Catch Basin also requires #2410 Adapter. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1889 | 8" Offset Universal Adapter | Black | 10 | 0.74 | 10ND | 8" Offset Universal Adapter. Styrene. |
| | Fits 8" Sewer and Drain Pipe, 8" Corrugated Pipe. Use with 12" and most 18" Catch Basin Series (except 1800 and 1804). | | | | | |

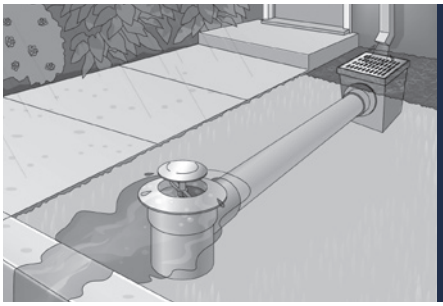



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 2410 | 10" & 12" Universal Adapter | Black | 1 | 4.20 | 10ND | 10"/12" Universal Adapter. HDPE. |
| | Includes #1890 (comes pre-inserted). Fits 10" and 12" Sewer and Drain Pipe; 10" and 12" Dual Wall Corrugated Pipe; 12" Single Wall Corrugated Pipe (does not fit 10" Single Wall Corrugated Pipe). Reduces opening to fit most 3" to 8" adapters above (all except #1889) for use with 3", 4", 6" and 8" Sewer and Drain Pipe; 3", 4", 6" and 8" Corrugated Pipe; and 4" Sch. 40 Pipe (select corresponding adapter above). Use with 24" Catch Basin Series. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1206 | 6" Universal Adapter Plug | Black | 20 | 0.35 | 10ND | Universal Plug. Styrene. |

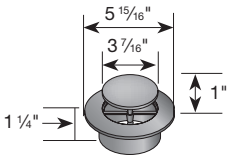
# POP-UP DRAINAGE EMITTERS



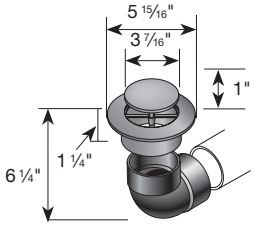
The Pop-up Drainage Emitter is an easy, safe and efficient solution that allows water to be diverted and released to water-safe areas away from structures, erosion-prone landscapes and poor drainage areas.

Pop-up Drainage Emitters allow water captured by grates, catch basins, channel drains, Flo-Well, EZflow, downspouts and roof gutter systems to flow through drainage pipe and away from structural foundations to safe or useful areas. For example, water can be routed from a low area next to a foundation to a water-safe area in the landscape, or a curbside drainage system where allowed. The emitter opens under minimal hydrostatic pressure from water through upstream drainage pipes; the emitter closes as flow diminishes. The special patented design allows the Emitter to open with even the smallest flows. Since the Emitter is closed during dry weather, debris and rodents cannot enter the drain pipes. Spring automatically retracts – closes and prevents damage from lawn mowers. It's flat profile blends discreetly into the surrounding landscapes.

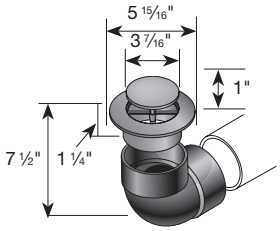
## 3" & 4" Pop-up Drainage Emitter




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 420 | 3" & 4" Pop-up Drainage Emitter | Green | 20 | 0.28 | 10ND | 3" and 4" polyolefin spring-loaded Pop-up Drainage Emitter with UV inhibitor. 75 GPM outflow capacity with 3" system head. 0.04 psi or 1" of head to raise top. |
| | Fits 3" and 4" Sewer and Drain Fittings.<br>Ideal for discharging excess water from stormwater management system. Spring automatically retracts. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 321 | Emitter with 3" Elbow | Green | 25 | 0.60 | 10ND | NDS #420 polyolefin spring-loaded Pop-up Drainage Emitter with UV inhibitor, 3" styrene 90 degree elbow with 1/4" drain hole. 53 GPM outflow capacity with 3" system head. 0.04 psi or 1" of head to raise top. |
| | Fits 3" Sewer and Drain Pipe.<br>Ideal for discharging excess water from stormwater management system. Spring automatically retracts. | | | | | |

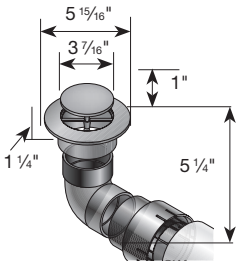


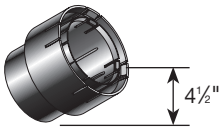

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 421 | Emitter with 4" Elbow | Green | 20 | 0.85 | 10ND | NDS #420 polyolefin spring-loaded Pop-up Drainage Emitter with UV inhibitor, 4" styrene 90 degree elbow with 1/4" drain hole. 75 GPM outflow capacity with 3" system head. 0.04 psi or 1" of head to raise top. |
| | Fits 4" Sewer and Drain Pipe.<br>Ideal for discharging excess water from stormwater management system. Spring automatically retracts. | | | | | |

# POP-UP DRAINAGE EMITTERS



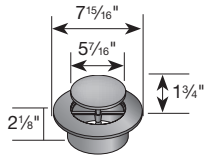
## 3" & 4" Pop-up Drainage Emitter (continued)



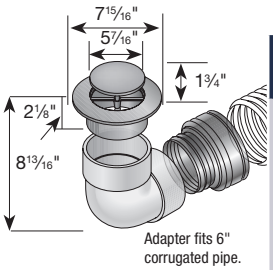




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 430 | Pop-up Drainage Emitter with 3" Elbow and Universal Adapter | Green | 20 | 1.00 | 10ND | NDS #420 polyolefin spring-loaded Pop-up Drainage Emitter with UV inhibitor, 3" styrene 90 degree elbow with 1/4" drain hole and universal pipe adapter. 53 GPM outflow capacity with 3" system head. 0.04 psi or 1" of head to raise top. |
| | Universal Adapter fits 3" and 4" corrugated pipe, 3" and 4" sewer and drain pipe, 4" Sch. 40 pipe, and 3" and 4" triple wall pipe.<br>Ideal for discharging excess water from stormwater management system. Spring automatically retracts. | | | | | |
| 1241 | 3" & 4" Universal Adapter w/4" Spigot | Black | 20 | 0.70 | 10ND | 3" & 4" Patented Universal Adapter. Styrene. |
| | Connects 3" & 4" Sewer and Drain Fittings with 3" & 4" Corrugated Pipe, 3" & 4" Sewer and Drain Pipe, 4" Sch. 40 Pipe and 3" & 4" Triple Wall Pipe. | | | | | |

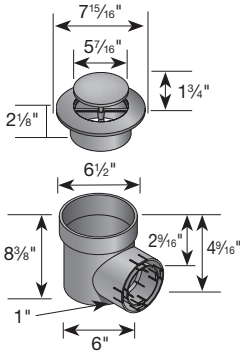
## 6" Pop-up Drainage Emitter




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 620 | 6" Pop-up Drainage Emitter | Green | 15 | 0.61 | 10ND | 6" polyolefin spring-loaded Pop-up Drainage Emitter with UV inhibitor. 170 GPM outflow capacity with 3" system head. 0.04 psi or 1" of head to raise top. |
| | Can be used with Flo-Well to relieve overflow. | | | | | |



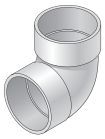

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 624 | 6" Pop-up Emitter with Elbow and Corrugated Pipe Adapter | Green | 10 | 3.45 | 10ND | NDS #620 polyolefin spring-loaded Pop-up Drainage Emitter with UV inhibitor, 6" styrene 90 degree elbow with 1/4" drain hole and corrugated pipe adapter.170 GPM outflow capacity with 3" system head. 0.04 psi or 1" of head to raise top. |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 625 | 6" Pop-up Emitter wih Spee-D® Basin | Green | 8 | 2.21 | 10ND | NDS #620 polyolefin spring-loaded Pop-up Drainage Emitter with UV inhibitor and Spee-D basin. 170 GPM outflow capacity with 3" system head. 0.04 psi or 1" of head to raise top. |
| | 3" - 4" S & D, Corrugated, Single Wall, Dual Wall, Triple Wall. | | | | | |

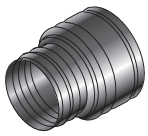
# COMMOM DRAINAGE FITTINGS

## 90 Degree PVC Elbow



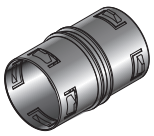
| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class |
|---|---|---|---|---|---|
| 3P02 | 3" PVC 90 Degree Elbow (HUB x HUB) | White | 40 | 0.40 | 30PV |
| 4P02 | 4" PVC 90 Degree Elbow (HUB x HUB) | White | 25 | 0.68 | 30PV |
| 6P02 | 6" PVC 90 Degree Elbow (HUB x HUB) | White | 12 | 3.00 | 30PV |

## Corrugated Adapter



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class |
|---|---|---|---|---|---|
| 351 | 3" Polyethylene Corrugated Adapter (CORR HUB x S&D SPT or HUB) | Black | 50 | 0.10 | 30ST |
| 451 | 4" Polyethylene Corrugated Adapter (CORR HUB x S&D SPT or HUB) | Black | 25 | 0.20 | 30ST |
| 651 | 6" Polyethylene Corrugated Adapter (CORR HUB x S&D SPT or HUB) | Black | 12 | 0.25 | 30ST |

## Corrugated Internal Couplings



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class |
|---|---|---|---|---|---|
| 3C05 | 3" Corrugated Coupling | Black | 60 | 0.07 | 30PE |
| 4C07 | 4" Corrugated Coupling | Black | 36 | 0.08 | 30PE |
| 6C07 | 6" Corrugated Coupling | Black | 12 | 0.08 | 30PE |

## Corrugated End Caps

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class |
|---|---|---|---|---|---|
| 3C06 | 3" Corrugated Endcap | Black | 33 | 0.05 | 30PE |
| 4C06 | 4" Corrugated Endcap | Black | 30 | 0.06 | 30PE |
| 6C06 | 6" Corrugated Endcap | Black | 15 | 0.50 | 30PE |

*Note: See Fittings section (pages 168-187) for additional fitting options.*

# GRATES: STANDARD, DECORATIVE & METAL

NDS offers a variety of grates in sizes, patterns, colors and design options to fit all products and enhance any landscape.



## Brass & Chrome Grates

## Strong – Practical – Functional

Our solid cast brass grates are secured to a PVC collar with solid brass screws for aesthetics and reliability. The PVC collar can be solvent welded into sewer and drain fittings or pipe where permanent, anti-theft installation is desired. The grate can still be removed for easy cleanout.

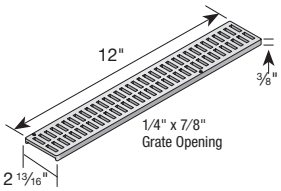
- A unique mix of beauty and function
- Recommended for highly-visible entry areas in hotels, malls, office buildings, country clubs and estates
- Exceptional construction and fine finish also make these grates ideal for deck areas, walkways, swimming pools and spas

## Materials & Standards

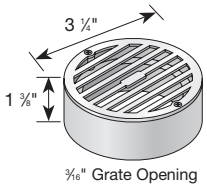
- Made with the highest-quality solid brass
- Brushed Satin and Polished Chrome finishes are protected by a clear plastic film that prevents damage to the finish during shipping and installation

# GRATES: STANDARD, DECORATIVE & METAL

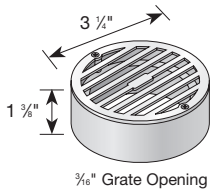
## Brass & Chrome Grates



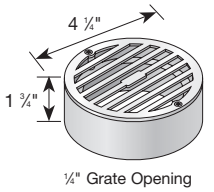

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 552B | 1 ft. Brass Channel Grate | Satin Brass | 12 | 1.21 | 25PF | 1 foot Mini Channel Solid Brass Grate with brass screws. Open surface area 9.20 square inches per foot. 28.14 GPM per foot. |
| 553PB | 1 ft. Brass Channel Grate | Polished Brass | 12 | 1.21 | 25PF | |
| | Fits #500 and #550 Mini Channels. (see pages 50). (see page 79). ADA Compliant/Heel-proof. | | | | | |



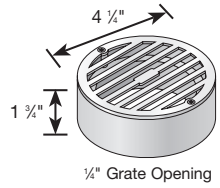

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 909B | 3" Round Brass Grate w/PVC Collar | Satin Brass | 20 | 0.40 | 15BR | 3" Round Solid Brass Grate and brass screws with PVC collar. Open surface area 2.68 square inches. 8.20 GPM. |
| 905PB | 3" Round Brass Grate w/PVC Collar | Polished Brass | 20 | 0.40 | 15BR | |
| | Fits 2" SCH-40 Pipe and 3" Sewer and Drain Fittings. (see page 79). ADA Compliant/Heel-proof. | | | | | |



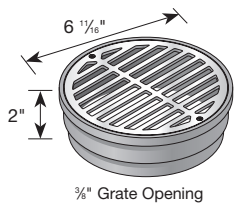

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 915SC | 3" Round Chrome Grate w/PVC Collar | Satin Chrome | 20 | 0.40 | 15BR | 3" Round Solid Chrome Grate and screws with PVC collar. Open surface area 2.68 square inches. 8.20 GPM. |
| 907PC | 3" Round Chrome Grate w/PVC Collar | Polished Chrome | 20 | 0.40 | 15BR | |
| | Fits 3" Sewer and Drain Fittings and 2" SCH-40 Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 910B | 4" Round Brass Grate w/PVC Collar | Satin Brass | 20 | 0.64 | 15BR | 4" Round Solid Brass Grate and brass screws with PVC collar. Open surface area 5.25 square inches. 16.06 GPM. |
| 906PB | 4" Round Brass Grate w/PVC Collar | Polished Brass | 20 | 0.64 | 15BR | |
| | Fits 3" Sewer & Drain Pipe, 4" Sewer & Drain Fittings. (see page 79). ADA Compliant/Heel-proof. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 917SC | 4" Round Chrome Grate w/PVC Collar | Satin Chrome | 20 | 0.66 | 15BR | 4" Round Chrome Grate and screws with PVC collar. Open surface area 5.25 square inches. 16.06 GPM. |
| 908PC | 4" Round Chrome Grate w/PVC Collar | Polished Chrome | 20 | 0.66 | 15BR | |
| | Fits 3" Sewer & Drain Pipe, 4" Sewer & Drain Fittings. (see page 79). ADA Compliant/Heel-proof. | | | | | |

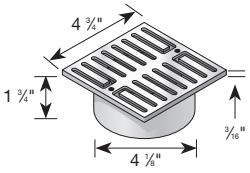



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 918B | 6" Round Brass Grate w/Styrene Collar | Satin Brass | 8 | 1.38 | 15BR | 6" Round Solid Brass Grate and brass screws with styrene collar. Open surface area 13.10 square inches. 40.07 GPM. |
| 919PB | 6" Round Brass Grate w/Styrene Collar | Polished Brass | 8 | 1.38 | 15BR | |
| | Fits Spee-D® Basin, 6" Sewer & Drain Fittings. (see page 79). ADA Compliant. | | | | | |

# GRATES: STANDARD, DECORATIVE & METAL

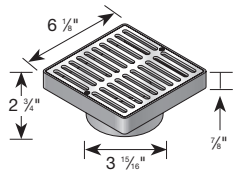
## Brass & Chrome Grates (continued)





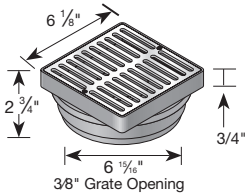
⅜" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 913B | 5" Square Brass Grate w/PVC Collar | Satin Brass | 10 | 1.21 | 15BR | 5" Square Solid Brass Grate with brass screws and PVC collar. Open surface area 2.5 square inches. 7.65 GPM. |
| 914PB | 5" Square Brass Grate w/PVC Collar | Polished Brass | 10 | 1.21 | 15BR | |
| | Fits 4" Sewer and Drain Fittings, 3" Sewer and Drain Pipe, and 3" Triple Wall Pipe. (see page 79). ADA Compliant. | | | | | |



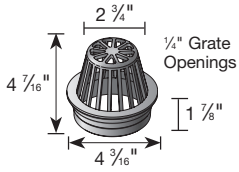
⅜" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 920B | 6" Square Brass Grate w/Styrene Adapter | Satin Brass | 8 | 1.65 | 15BR | 6" Square Solid Brass Grate with brass-colored styrene low-profile adapter and brass screws. Open surface area 11.60 square inches. 35.49 GPM. |
| 923PB | 6" Square Brass Grate w/Styrene Adapter | Polished Brass | 8 | 1.65 | 15BR | |
| | Fits 3" or 4" Sewer and Drain Pipe or Fittings, 3" or 4" Corrugated Pipe, and 3" or 4" Triple Wall Pipe. (see page 79). ADA Compliant. | | | | | |

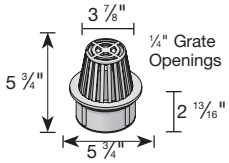


3⁄8" Grate Opening

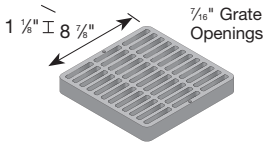
| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 921B | 6" Square Brass Grate w/Styrene Adapter | Satin Brass | 8 | 1.71 | 15BR | 6" Square Solid Brass Grate with brass-colored styrene low-profile adapter and brass screws. Open surface area 11.60 square inches. 35.49 GPM. |
| 922PB | 6" Square Brass Grate w/Styrene Adapter | Polished Brass | 8 | 1.70 | 15BR | |
| | Fits Spee-D® Basin, 6" Sewer and Drain Pipe & Fittings. (see page 79). ADA Compliant. | | | | | |



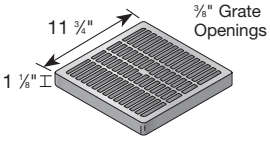

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 78B | 4" Atrium Brass Grate | Brass | 1 | 2.00 | 15BR | Open surface area 10.20 square inches. 31.20 GPM. |
| | Fits 4" Sewer and Drain Pipe & Fittings. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 90B | 6" Atrium Brass Grate | Brass | 1 | 5.30 | 15BR | Open surface area 22.50 square inches. 68.83 GPM. |
| | Fits 6" Sewer and Drain Pipe & Fittings. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 930B | 9" Square Brass Grate | Brass | 1 | 5.11 | 15BR | Open surface area 34.00 square inches. 104.01 GPM. Includes SS Screws. |
| | (see page 79). ADA Compliant. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1230B | 12" Square Brass Grate | Brass | 1 | 9.24 | 15BR | Open surface area 42.87 square inches. 131.14 GPM. Includes SS Screws. |
| | (see page 79). ADA Compliant. | | | | | |

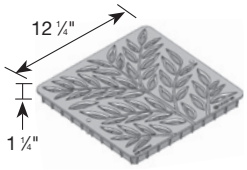
# GRATES: STANDARD, DECORATIVE & METAL

## Decorative Grates

Designed to meet today's demand for products that are as beautiful as they are functional. NDS decorative grates feature consumer-tested designs and offer a range of colors and materials ideal for any application or setting.

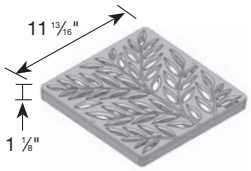
## Catch Basin Plastic & Metal Decorative Grates

Fits 12” Catch Basins. Available in Botanical and Wave designs, in multiple colors or in cast iron.
Plastic grates are "T-top" and overlap basin edge. Iron grates sit flush.



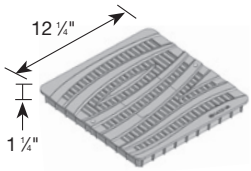
⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1218S | 12" x 12" Square Botanical Grate | Sand | 8 | 3.27 | 10ND | 12" Square Structural Foam Polyolefin Botanical Grate with UV inhibitor. Open surface area 24.44 square inches. 74.77 GPM. Class B load rated. |
| 1218GR | 12" x 12" Square Botanical Grate | Green | 8 | 3.27 | 10ND | |
| 1218GY | 12" x 12" Square Botanical Grate | Gray | 8 | 3.27 | 10ND | |
| 1218 | 12" x 12" Square Botanical Grate | Black | 8 | 3.27 | 10ND | |
| 839 | #6 x 1-3/4 FH Phillips Screw | Metal | 40 | n/a | 10ND | |
| | Use Screw # 839, FH#6 x 1-3/4". Not compatible with 1200FF filter. (see page 79). ADA Compliant. | | | | | |



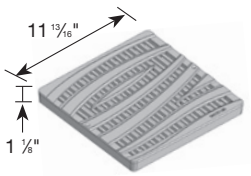
⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1218CI | 12" x 12" Square Botanical Cast Iron Grate | Black* | 1 | 12.67 | 10ND | 12" Square Cast Iron Botanical Grate. Open surface area 24.44 square inches. 74.77 GPM. Class B load rated. |
| 629 | #20 x 1-1/2 FH Phillips Screw | Metal | 40 | n/a | 10ND | |
| | Use Screw # 629, FH#20 x 1-1/2". *Painted for shipping & display only; grate will form iron-oxide patina (see page 79). ADA Compliant. | | | | | |



⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1224S | 12" x 12" Square Wave Grate | Sand | 8 | 2.68 | 10ND | 12" Square Structural Foam Polyolefin Wave Grate with UV inhibitor. Open surface area 25.67 square inches. 78.53 GPM. Class B load rated. |
| 1224GR | 12" x 12" Square Wave Grate | Green | 8 | 2.68 | 10ND | |
| 1224GY | 12" x 12" Square Wave Grate | Gray | 8 | 2.68 | 10ND | |
| 1224 | 12" x 12" Square Wave Grate | Black | 8 | 2.68 | 10ND | |
| 839 | #6 x 1-3/4 FH Phillips Screw | Metal | 40 | n/a | 10ND | |
| | Use Screw # 839, FH#6 x 1-3/4". Compatible with 1200FF filter. (see page 79). ADA Compliant. | | | | | |



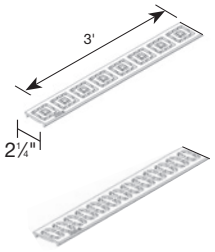
⅜" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1224CI | 12" x 12" Square Wave Cast Iron Grate | Black* | 1 | 13.90 | 10ND | 12" Square Cast Iron Wave Grate. Open surface area 25.60 square inches. 78.31 GPM. Class B load rated. |
| 629 | #20 x 1-1/2 FH Phillips Screw | Metal | 40 | n/a | 10ND | |
| | Use Screw # 629, FH#20 x 1-1/2". *Painted for shipping & display only; grate will form iron-oxide patina (see page 79). ADA Compliant. | | | | | |

# GRATES: STANDARD, DECORATIVE & METAL

## Slim Channel Plastic Decorative Grates

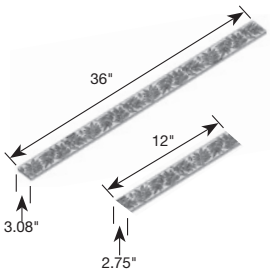
Excellent for light duty applications, including residential pools, concrete and paver patios, spas, walkways and paver landscapes.



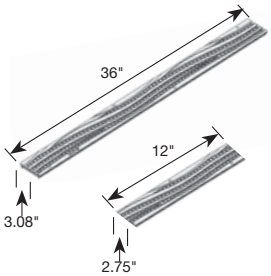

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 9251 | 3 ft. Slim Channel Grate Square | White | 30 EA (90 LF) | 0.36 | 25PF | 3 ft Polypropylene Decorative Square Channel Grate with UV inhibitor. Open Surface Area 5.73 square inches per foot. 21.44 GPM per foot. |
| 9252 | 3 ft. Slim Channel Grate Square | Sand | 30 EA (90 LF) | 0.36 | 25PF | |
| 9253 | 3 ft. Slim Channel Grate Square | Gray | 30 EA (90 LF) | 0.36 | 25PF | |
| 9261 | 3 ft. Slim Channel Grate Chain | White | 30 EA (90 LF) | 0.36 | 25PF | 3 ft Polypropylene Decorative Chain Channel Grate with UV inhibitor. Open Surface Area 5.73 square inches per foot. 21.44 GPM per foot. |
| 9262 | 3 ft. Slim Channel Grate Chain | Sand | 30 EA (90 LF) | 0.36 | 25PF | |
| 9263 | 3 ft. Slim Channel Grate Chain | Gray | 30 EA (90 LF) | 0.36 | 25PF | |
| | (see page 79). ADA Compliant/Heel-proof | | | | | |

## Mini Channel Plastic & Metal Decorative Grates

Fits 500 Series Mini Channel. Available in Botanical and Wave designs, in multiple colors or in cast iron.
Plastic grates are "T-top" and overlap basin edge. Iron grates sit flush.




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 846 | Stainless Steel Screws, FH #4 x 1" | Steel | 40/Bag | 0.10 | 25PF | 3 ft. Structural Foam Polyolefin botanical pattern Channel Grate with UV inhibitor. Open surface area 5.44 square inches per foot. 16.64 GPM per foot. |
| 554S | 3' Botanical Channel Grate | Sand | 16 | 0.89 | | |
| 554GY | 3' Botanical Channel Grate | Gray | 16 | 0.89 | | |
| 554 | 3' Botanical Channel Grate | Black | 16 | 0.89 | | |
| 554CI | 1' Botanical Cast Iron Channel Grate | Black* | 1 | 1.82 | | 1 ft. Mini Channel botanical Cast Iron Channel Grate. Open surface area 5.39 square inches per foot. 16.49 GPM per foot. Class B load rated. |
| 529 | Stainless Steel Screws, FH #4 x 5/8" | Steel | 64/Bag | 0.09 | 25PF | |
| | *Painted for shipping & display only; grate will form iron-oxide patina (see page 79). ADA Compliant. | | | | | |

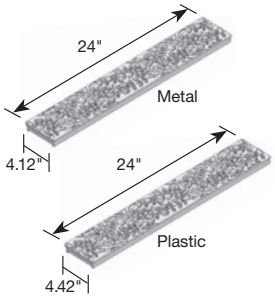



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 846 | Stainless Steel Screws, FH #4 x 1" | Steel | 40/Bag | 0.10 | 25PF | 3 ft. Structural Foam Polyolefin wave pattern Channel Grate with UV inhibitor. Open surface area 5.73 square inches per foot. 17.54 GPM per foot. |
| 555S | 3' Wave Channel Grate | Sand | 16 | 0.88 | 25PF | |
| 555GY | 3' Wave Channel Grate | Gray | 16 | 0.88 | | |
| 555 | 3' Wave Channel Grate | Black | 16 | 0.88 | | |
| 555CI | 1' Wave Cast Iron Channel Grate | Black* | 1 | 1.30 | | 1 ft. Mini Channel Wave Cast Iron Channel Grate. Open surface area 4.11 square inches per foot. 12.56 GPM per foot. Class B load rated. |
| 529 | Stainless Steel Screws, FH #4 x 5/8" | Steel | 64/Bag | 0.09 | 25PF | |
| | *Painted for shipping & display only; grate will form iron-oxide patina (see page 79). ADA Compliant. | | | | | |

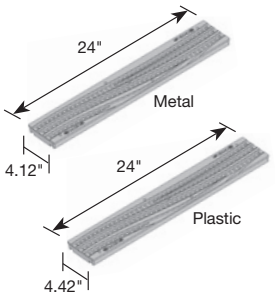
# GRATES: STANDARD, DECORATIVE & METAL

## Spee-D® Channel Plastic & Metal Decorative Grates

Fits Spee-D® Channel. Available in Botanical and Wave designs, in multiple colors or in cast iron.
Plastic grates are "T-top" and overlap basin edge. Iron grates sit flush.



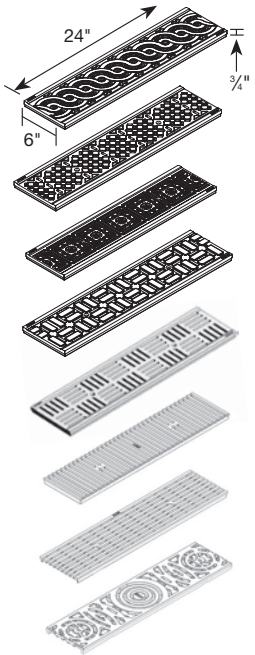

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 829 | Stainless Steel Screws, FH #6 x 1-1/4" | Steel | 40/Bag | 0.15 | 25PF | 2 ft. Structural Foam Polyolefin decorative botanincal Channel Grate with UV inhibitor. Open surface area 7.78 square inches per foot. 23.80 GPM per foot.<br><br>2 ft. Cast Iron decorative botanincal Channel Grate. Open surface area 8.99 square inches per foot. 27.50 GPM per foot. Class B load rated. |
| 252S | 2' Channel Botanical Grate | Sand | 24 ft. | 1.74 | 25PF | |
| 252GY | 2' Channel Botanical Grate | Gray | 24 ft. | 1.74 | 25PF | |
| 252 | 2' Channel Botanical Grate | Black | 24 ft. | 1.74 | 25PF | |
| 252CI | 2' Cast Iron Channel Botanical Grate | Black* | 1 ft. | 7.06 | 25PF | |
| 229 | Stainless Steel Screws, FH #8 x 1" | Steel | 48/Bag | 0.06 | 25PF | |
| | *Painted for shipping & display only; grate will form iron-oxide patina (see page 79). ADA Compliant. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 829 | Stainless Steel Screws, FH #6 x 1-1/4" | Steel | 40/Bag | 0.15 | 25PF | 2 ft. Structural Foam Polyolefin decorative wave Channel Grate with UV inhibitor. Open surface area 7.78 square inches per foot. 23.80 GPM per foot.<br><br>2 ft. Cast Iron decorative wave Channel Grate. Open surface area 7.41 square inches per foot. 22.67 GPM per foot. Class B load rated. |
| 253S | 2' Channel Wave Grate | Sand | 24 ft. | 1.84 | 25PF | |
| 253GY | 2' Channel Wave Grate | Gray | 24 ft. | 1.84 | 25PF | |
| 253 | 2' Channel Wave Grate | Black | 24 ft. | 1.84 | 25PF | |
| 253CI | 2' Cast Iron Channel Wave Grate | Black* | 2 ft. | 7.52 | 25PF | |
| 229 | Stainless Steel Screws, FH #8 x 1" | Steel | 48/Bag | 0.06 | 25PF | |
| | *Painted for shipping & display only; grate will form iron-oxide patina (see page 79). ADA Compliant. | | | | | |

## Dura Slope Metal Decorative Grates

Fits all Dura Slope channels. Available in 8 designs: Weave, Tile, Brick, Diamond, Slot, Kiaro, Via and Ville. Ductile iron material, rated Class D and ADA compliant.

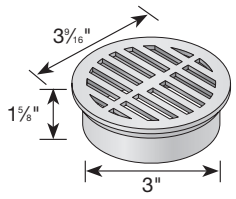



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| DS-601 | Weave Pattern | Raw Iron | 1 | 11.70 | 25DS | Decorative grates are made of ductile iron. **Weave:** open area 7.92 square inches per foot; 24.3 GPM. **Diamond:** open area 9.25 square inches per foot; 28.3 GPM. **Tile:** open area 11.93 square inches per foot; 33.6 GPM. **Brick:** open area 9.72 square inches per foot; 29.8 GPM. **Deco slot:** open area 17.46 square inches per foot; 53.5 GPM. |
| DS-602 | Diamond Pattern | Raw Iron | 1 | 14.30 | 25DS | |
| DS-603 | Tile Pattern | Raw Iron | 1 | 14.70 | 25DS | |
| DS-604 | Brick Pattern | Raw Iron | 1 | 14.30 | 25DS | |
| DS-609 | Deco Slot | Raw Iron | 1 | 11.70 | 25DS | |
| DS-610-KIARO | Kiaro Slot | Ductile Iron | 120 | 14.99 | 25DS | |
| DS-611-VIA | Via Slot | Ductile Iron | 120 | 10.36 | 25DS | |
| DS-612-VILLE | Ville Pattern | Ductile Iron | 120 | 11.68 | 25DS | |
| | Use with Dura Slope Drains (page 72), Dura Slope Catch Basins (page 74).<br>Decorative grates are made of ductile iron. Uncoated raw iron will develop a rust patina over time. (see page 79). ADA Compliant/Heelproof. Must be used with DS-200H to acheive Class D Load Rating. | | | | | |

# GRATES: STANDARD, DECORATIVE & METAL

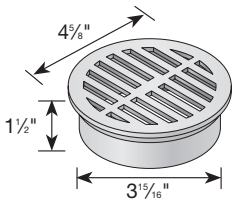


## Round Grates



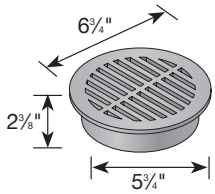

3/16" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 14 | 3" Round Grate | Black | 40 | 0.13 | 10ND | 3" Round Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 2.60 square inches. 7.95 GPM. |
| 15 | 3" Round Grate | Gray | 40 | 0.13 | 10ND | |
| 16 | 3" Round Grate | Green | 40 | 0.13 | 10ND | |
| 16P | 3" Round Grate | Purple | 40 | 0.13 | 10ND | |
| 16S | 3" Round Grate | Sand | 40 | 0.13 | 10ND | |
| | Fits 3" Sewer and Drain Pipe & Fittings, 3" Corrugated Pipe, and 3" Triple Wall Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |



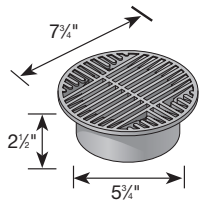

1/4" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 11 | 4" Round Grate | Black | 25 | 0.17 | 10ND | 4" Round Structural Foam Polyolefin Grate with UV inhibitor. Open suraface area 3.85 square inches. 11.78 GPM. |
| 12 | 4" Round Grate | Gray | 25 | 0.17 | 10ND | |
| 13 | 4" Round Grate | Green | 25 | 0.17 | 10ND | |
| 13P | 4" Round Grate | Purple | 25 | 0.17 | 10ND | |
| 13S | 4" Round Grate | Sand | 25 | 0.17 | 10ND | |
| | Fits 4" Sewer and Drain Pipe & Fittings, 4" Corrugated Pipe, and 4" Triple Wall Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |




1/4" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 40 | 6" Round Grate | Black | 10 | 0.49 | 10ND | 6" Round Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 9.10 square inches. 27.84 GPM. |
| 50 | 6" Round Grate | Green | 10 | 0.49 | 10ND | |
| 60 | 6" Round Grate | Gray | 10 | 0.49 | 10ND | |
| 60S | 6" Round Grate | Sand | 10 | 0.49 | 10ND | |
| | Fits Spee-D® Basin, 6" Sewer and Drain Pipe & Fittings and 6" Corrugated Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |



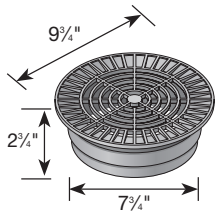

5/16" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 10 | 8" Round Grate | Black | 10 | 0.60 | 10ND | 8" Round Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 11.50 square inches. 35.18 GPM. |
| 20 | 8" Round Grate | Green | 10 | 0.60 | 10ND | |
| 30 | 8" Round Grate | Gray | 10 | 0.60 | 10ND | |
| 30S | 8" Round Grate | Sand | 10 | 0.60 | 10ND | |
| | Fits Spee-D® Basin, 6" Sewer and Drain Pipe & Fittings and 6" Corrugated Pipe. (see page 79). ADA Compliant. | | | | | |

# GRATES: STANDARD, DECORATIVE & METAL

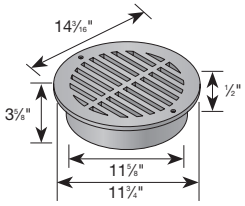


## Round Grates (continued)



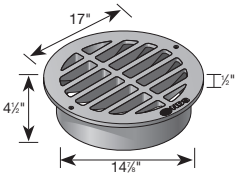
5/16" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1040 | 10" Round Grate | Black | 10 | 1.01 | 10ND | 10" Round Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 21.57 square inches. 65.99 GPM. |
| 1050 | 10" Round Grate | Green | 10 | 1.01 | 10ND | |
| 1060 | 10" Round Grate | Gray | 10 | 1.01 | 10ND | |
| 1060S | 10" Round Grate | Sand | 10 | 1.01 | 10ND | |
| | Fits 8" Sewer and Drain Pipe & Fittings, 8" Corrugated Pipe. (see page 79). ADA Compliant. | | | | | |



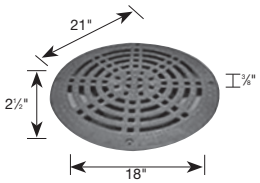
9/16" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1240 | 12" Round Grate | Black | 6 | 2.44 | 10ND | 12" Round Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 46.00 square inches. 140.72 GPM. |
| 1250 | 12" Round Grate | Green | 6 | 2.44 | 10ND | |
| 1260 | 12" Round Grate | Gray | 6 | 2.44 | 10ND | |
| | Fits 12" Sewer and Drain Pipe, 12" Corrugated Pipe. (see page 79) | | | | | |



1¼" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1511 | 15" Round Grate | Black | 6 | 6.89 | 10ND | 15" Round Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 85.60 square inches. 261.86 GPM. |
| 1512 | 15" Round Grate | Green | 6 | 6.89 | 10ND | |
| | Fits 15" Sewer and Drain Fittings, 15" Corrugated Pipe. (see page 79) | | | | | |

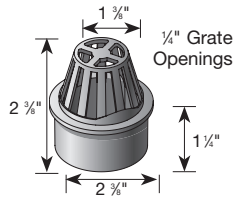



| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1801SDG | 18" Round Grate | Green | 1 | 7.50 | 28ND | Round Polypropylene Grate. Open surface area 75.55 square inches. 231.12 GPM. Includes lag bolts. |
| | Fits 18" Sewer and Drain Fittings, 18" Corrugated Pipe, includes Lag Bolts. (see page 79) | | | | | |

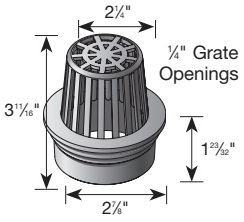
# GRATES: STANDARD, DECORATIVE & METAL



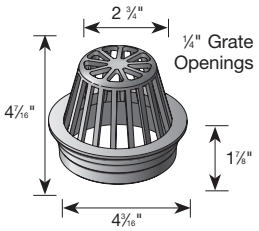
## Atrium Grates



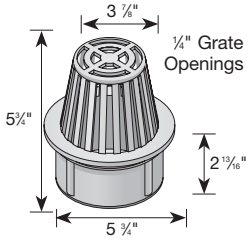

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 270 | 2" Atrium Grate | Gray | 20 | 0.10 | 10ND | Flat-Top PVC Atrium Grate with UV inhibitor. Open surface area 4.00 square inches. 12.24 GPM. |
| | Fits 2" Schedule 40 Fittings. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 70 | 3" Atrium Grate | Green | 20 | 0.16 | 10ND | Flat-Top Structural Foam Polyolefin Atrium Grate with UV inhibitor. Open surface area 9.40 square inches. 28.76 GPM. |
| 72 | 3" Atrium Grate | Gray | 20 | 0.16 | 10ND | |
| 74 | 3" Atrium Grate | Black | 20 | 0.16 | 10ND | |
| 74S | 3" Atrium Grate | Sand | 20 | 0.16 | 10ND | |
| | Fits 3" Sewer and Drain Pipe & Fittings, 3" Corrugated Pipe, and 3" Triple Wall Pipe. | | | | | |



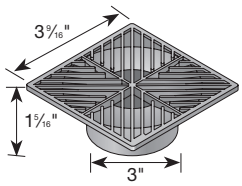

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 75 | 4" Atrium Grate | Green | 20 | 0.21 | 10ND | Flat-Top Structural Foam Polyolefin Atrium Grate with UV inhibitor. Open surface area 17.00 square inches. 52.01 GPM. |
| 76 | 4" Atrium Grate | Gray | 20 | 0.21 | 10ND | |
| 78 | 4" Atrium Grate | Black | 20 | 0.21 | 10ND | |
| 78S | 4" Atrium Grate | Sand | 20 | 0.21 | 10ND | |
| | Fits 4" Sewer and Drain Pipe & Fittings, 4" Corrugated Pipe, and 4" Triple Wall Pipe. | | | | | |




| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 80 | 6" Atrium Grate | Green | 10 | 0.62 | 10ND | Flat-Top Structural Foam Polyolefin Atrium Grate with UV inhibitor. Open surface area 28.40 square inches. 86.88 GPM. |
| 81 | 6" Atrium Grate | Gray | 10 | 0.62 | 10ND | |
| 90 | 6" Atrium Grate | Black | 10 | 0.62 | 10ND | |
| 90S | 6" Atrium Grate | Sand | 10 | 0.62 | 10ND | |
| | Fits Spee-D® Basin, 6" Sewer and Drain Pipe & Fittings, 6" Corrugated Pipe. | | | | | |

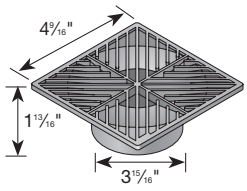
# GRATES: STANDARD, DECORATIVE & METAL

## Square Grates



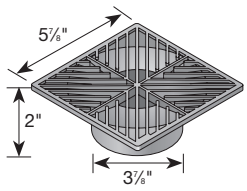

3/16" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 1 | 4" Square Grate | Green | 40 | 0.11 | 10ND | 4" Square Structural Foam Polyolefin Grate with diagonally converging pattern with UV inhibitor. Open surface area 3.45 square inches. 10.55 GPM. |
| 2 | 4" Square Grate | Black | 40 | 0.11 | 10ND | |
| 3 | 4" Square Grate | Gray | 40 | 0.11 | 10ND | |
| | Fits 3" Sewer and Drain Pipe & Fittings, 3" Corrugated Pipe, and 3" Triple Wall Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |



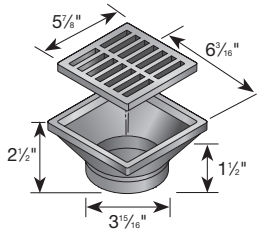

3/16" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 7 | 5" Square Grate | Green | 25 | 0.20 | 10ND | 5" Square Structural Foam Polyolefin Grate with diagonally converging pattern with UV inhibitor. Open surface area 4.25 square inches. 13.00 GPM. |
| 8 | 5" Square Grate | Black | 25 | 0.20 | 10ND | |
| 9 | 5" Square Grate | Gray | 25 | 0.20 | 10ND | |
| | Fits 4" Sewer and Drain Pipe & Fittings, 4" Corrugated Pipe, and 4" Triple Wall Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |




1/4" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 4 | 6" Square Grate | Black | 10 | 0.40 | 10ND | 6" Square Structural Foam Polyolefin Grate with diagonally converging pattern with UV inhibitor. Open surface area 10.40 square inches. 31.81 GPM. |
| 5 | 6" Square Grate | Green | 10 | 0.40 | 10ND | |
| 6 | 6" Square Grate | Gray | 10 | 0.40 | 10ND | |
| 06S | 6" Square Grate | Sand | 10 | 0.40 | 10ND | |
| | Fits 3" or 4" Sewer and Drain Pipe, 3" or 4" Corrugated Pipe, and 3" or 4" Triple Wall Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |

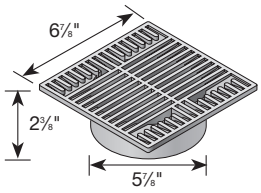



1/4" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 640 | 6" x 6" x 4" Square Grate & Adapter | Black | 8 | 0.83 | 10ND | 6"x6" Low-Profile Adapter and Structural Foam Polyolefin Removable Grate with UV inhibitor and stainless steel screws. Open surface area 14.44 square inches. 44.17 GPM. |
| 641 | 6" x 6" x 4" Square Grate & Adapter | Green | 8 | 0.83 | 10ND | |
| 642 | 6" x 6" x 4" Square Grate & Adapter | Gray | 8 | 0.83 | 10ND | |
| | Fits 3" or 4" Sewer and Drain Pipe & Fittings, 3" or 4" Corrugated Pipe, and 3" or 4" Triple Wall Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |

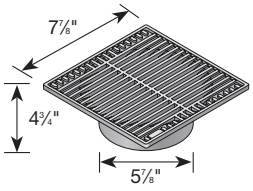
# GRATES: STANDARD, DECORATIVE & METAL

## Square Grates (continued)



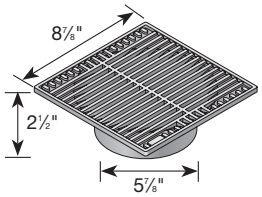

¼" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 771 | 7" Square Grate | Black | 10 | 0.65 | 10ND | 7" Square Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 13.60 square inches. 41.60 GPM. |
| 772 | 7" Square Grate | Green | 10 | 0.65 | 10ND | |
| | Fits Spee-D® Basin, 6" Sewer and Drain Pipe & Fittings, 6" Corrugated Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |




¼" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 881 | 8" Square Grate | Black | 10 | 0.79 | 10ND | 8" Square Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 17.16 square inches. 52.49 GPM. |
| 882 | 8" Square Grate | Green | 10 | 0.79 | 10ND | |
| | Fits Spee-D® Basin, 6" Sewer and Drain Pipe & Fittings, 6" Corrugated Pipe and DWV Pipe. (see page 79). ADA Compliant/Heel-proof. | | | | | |

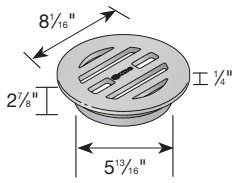



5/16" Grate Opening

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. lbs. | Product Class | Specifications |
|---|---|---|---|---|---|---|
| 950 | 9" Square Grate | Green | 10 | 1.11 | 10ND | 9" Square Structural Foam Polyolefin Grate with UV inhibitor. Open surface area 28.40 square inches. 86.88 GPM. |
| 970 | 9" Square Grate | Black | 10 | 1.11 | 10ND | |
| | Fits Spee-D® Basin, 6" Sewer and Drain Pipe & Fittings, 6" Corrugated Pipe. (see page 79). ADA Compliant. | | | | | |

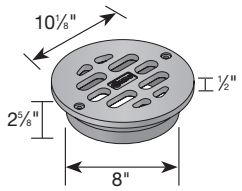
# GRATES: STANDARD, DECORATIVE & METAL

## Duracast™ In-Line Grates



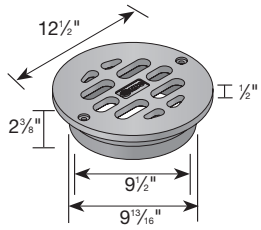
5/8" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| D6 | 6" Round Grate | Black* | 1 | 7.30 | 10ND | 6" Round Heavy-Duty Ductile Grate with Black Paint. Open surface area 7.05 square inches. 21.57 GPM. H-20 load rating. |
| | Fits 6" Corrugated and Sewer and Drain Pipe.<br>D6 is not a custom grate and qualifies for normal NDS freight terms.<br>Fits SPEE-D® Basin.<br>*Painted for shipping & display only; grate will form iron-oxide patina<br>(see page 79). | | | | | |



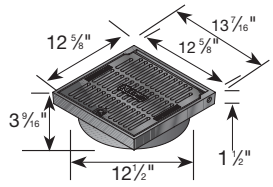
1" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| D8 | 8" Round Grate | Black* | 1 | 14.59 | 10ND | 8" Round Heavy-Duty Ductile Iron Grate with Black Paint. Open surface area 13.98 square inches. 42.77 GPM. Bolt holes for added security. H-20 load rating. |
| | Fits 8" Corrugated and Sewer and Drain Pipe.<br>D8 is not a custom grate and qualifies for normal NDS freight terms.<br>*Painted for shipping & display only; grate will form iron-oxide patina<br>(see page 79). | | | | | |



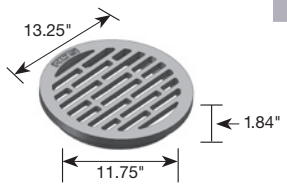
1" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| D10 | 10" Round Grate | Black* | 1 | 20.60 | 10ND | 10" Round Heavy-Duty Ductile Iron Grate with Black Paint. Open surface area 26.82 square inches. 82.05 GPM. Bolt holes for added security. H-20 load rating. |
| | Fits 10" Corrugated and Sewer and Drain Pipe.<br>D10 is not a custom grate and qualifies for normal NDS freight terms.<br>*Painted for shipping & display only; grate will form iron-oxide patina<br>(see page 79). | | | | | |



13/16" Grate Openings

| Part No. | Description | Color | Pkg. Qty. | Wt. Ea. (lbs.) | Product Class | Specifications |
|---|---|---|---|---|---|---|
| D12H-WO | 12" Square Hinged Cast Iron Grate | Black* | 1 | 48.00 | 10ND | H-20 load rating. Open surface area 48.30 square inches. 147.76 GPM. |
| D12 | 12" Round Grate | Black* | 1 | 16.00 | 10ND | H-20 load rating. Open surface area 55.16 square inches. 169.74 GPM. |
| | Fits 12" Corrugated and Sewer and Drain Pipe.<br>*Painted for shipping & display only; grate will form iron-oxide patina<br>(see page 79). | | | | | |



1" Grate Openings

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