

# Drain Basins

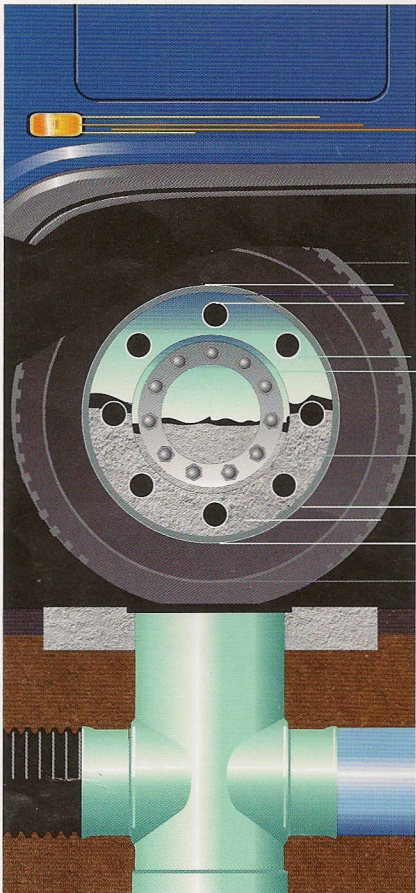


## Nyloplast Drain Basins

represent a true innovation in storm water piping. Their combination of performance-proven cast or ductile iron grates with a rugged, heavy-duty PVC structure makes them unique in the surface drainage field. The complete product line includes drain basins which range from 8" through 24" in diameter and can be used for any plastic underground storm drain pipe system.

## H-20 RATED\*

Nyloplast drain basins are made from PVC pipe, with component pipe segments produced using a thermo forming process and then joined by means of a solvent weld



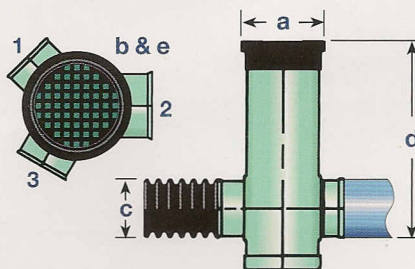
\* For H-20 rated installation, see CAD diskette.

bell spigot configuration. The resulting heavy-duty PVC structure withstands very high traffic loading and impact, making it ideal for drain basins exposed to H-20 conditions.

## MADE TO YOUR SPECIFICATIONS

All Nyloplast drain basins are made to your specifications, which include:

- The diameter of the drain basin.
- The number of outlets.
- The pipe diameter of each outlet, as well as the pipe design.
- The invert height for each outlet.
- The direction of each outlet.



## APPLICABLE STANDARDS

A specification is available for Nyloplast drain basins. In this specification, the latest editions of the following standards are incorporated by reference and form a part of this specification to the extent specified herein:

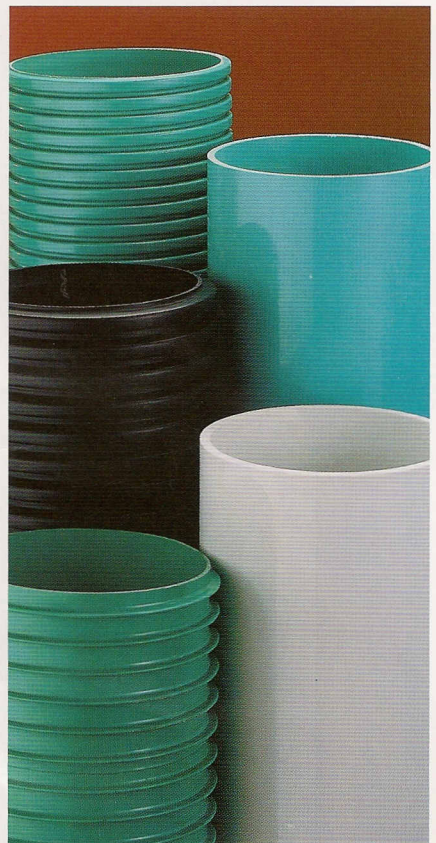
- ASTM D1784** Standard specification for rigid PVC compounds.
- ASTM D2122** Standard specification for determining dimensions for plastic pipe & fittings.
- ASTM D2564** Standard specification for solvent cement for PVC plastic piping systems.
- ASTM D2855** Standard practice for making solvent cemented joints with PVC pipe and fittings.
- ASTM D3212** Standard specification for joints for drain and sewer plastic pipe using flexible elastomeric seals.
- ASTM F477** Standard specification for elastomeric seals for joining plastic pipe.
- ASTM F1336** Standard specification for PVC gasketed sewer fittings.
- ASTM A-48-83** Ductile and cast iron grates class 30B.

## FIELD ADJUSTMENTS

Since it is very common for the actual elevation of the job site to deviate from the plans used to make a drain basin takeoff, Nyloplast drain basins are designed for easy adjustment in the field. In the event the elevation is less than expected, the drain basin can be cut to size. If the elevation is greater than anticipated, we offer riser sections of up to 6' in 1' increments, which can be used to extend a drain basin.

## INLET/OUTLET ADAPTERS

To make sure your custom drain basin fits the pipe you are using, we ship it with a gasketed system that results in a leak proof joint when correctly installed. Nyloplast has adapters available for most of the underground plastic piping systems currently available to the North American market, including corrugated polyethylene, PVC SDR-35, SDR-26, IPS Schedule 40, Schedule 80, C-900, C-905, ribbed PVC, and corrugated PVC.



# Inline Drains



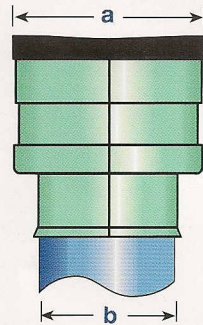
**Nyloplast Inline Drains** are designed to enter an existing line with a riser and tee, or for use at the beginning of a drain line and represent the latest in storm water piping technology. Their innovative combination of performance-proven cast or ductile iron grates with a rugged, heavy-duty PVC structure makes them unique in the surface drainage field. The complete product line includes inline drains which range from 8" through

24" in diameter and can be used for any plastic underground storm drain pipe system.

## MADE TO YOUR SPECIFICATIONS

All Nyloplast inline drains are made to your specifications, which include:

- The diameter of the inline drain.
- The pipe diameter of the outlet as well as the pipe design.



## FIELD ADJUSTMENTS

It takes very little time or labor to fit Nyloplast inline drains to the actual elevation at the job site. Adjustment is a simple matter of cutting the pipe to accommodate each situation. Since no special tools are needed, installation is normally fast and easy.

## Nyloplast drain basins and inline drains

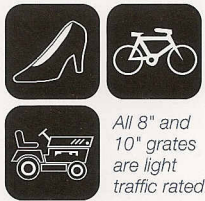
have proven their superiority and cost efficiency in a wide variety of applications such as:

- Commercial
- Industrial
- Landscaping
- Athletic Complexes
- Government
- Recreation
- Golf Course Drainage

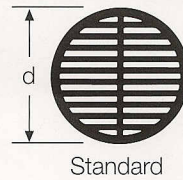
## CAST/DUCTILE IRON GRATES

### Grates for every traffic situation, weight load and site requirement.

All Nyloplast drain basins and inline drains come standard with a cast or ductile iron grate. Each diameter offers several different grate options, which include heavy duty (H-20 rated), medium duty (H-10 rated) and light duty (5,000 lbs. rated) grates. We also have grates rated for pedestrian applications, as well as dome shaped grates for use in landscaped areas. All grates are specifically designed for heavy-duty PVC product bodies. For more information on grates, see our technical manual.



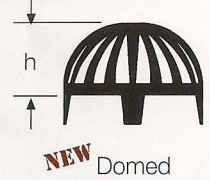
All 8" and 10" grates are light traffic rated.



Standard



NEW Solid



NEW Domed

### 8" & 10" Grates

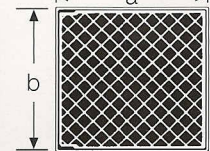
Size	d	h
8"	8.00"	4.00"
10"	10.28"	5.30"



Standard H-20 Rated H-25



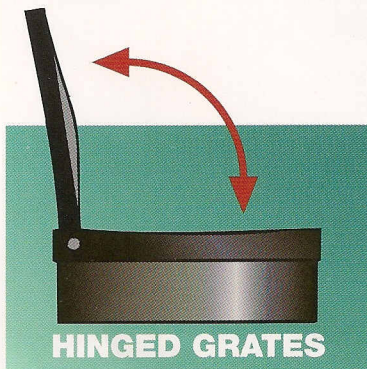
NEW Pedestrian H-10 Rated



NEW Solid

### 12" & 15" Hinged Grates

Size	a	b
12"	13.50"	13.25"
15"	16.25"	16.20"



**HINGED GRATES**

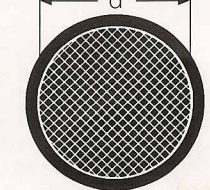
Nyloplast 12" and 15" hinged grates feature a unique design that allows for easy access to and clean-out of drain basins and inline drains.



Standard H-20 Rated



NEW Pedestrian H-10 Rated



NEW Solid

### 18" & 24" Grates

Size	D	d
18"	21.00"	18.00"
24"	30.00"	22.00"

For specifications, see engineering drawings.