



# Residential





## Our Values



## the **Prinsco** *difference* service led by values

The Prinsco Difference isn't just about service, it's about a way of doing business. As a family-owned company, we operate by our core values of hard work, integrity, relationships, and humility. This means we go beyond transactions to build genuine partnerships with our customers. We believe in working tirelessly, acting with honesty, fostering strong connections, and approaching every challenge with a willingness to learn. It's this foundation that allows us to provide exceptional service and solutions you can trust.

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[prinsco.com](http://prinsco.com)



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## Water Management Solutions / **Single-Wall**

### **GOLDLINE®**

Goldline® is soil-tight, high-density polyethylene plastic pipe. It is available in several roll lengths, as well as in 10- or 20-foot straight (stick) lengths. Goldline is available in perforated (slots), drilled (holes) or non-perforated configurations, and can be supplied with high performance geotextile fabric.



### Features & Benefits

- Lightweight and easy to maneuver for efficient installation
- Meets or exceeds **ASTM F667** requirements
- Available in AASHTO grade to meet or exceed **AASHTO M252** or **M294** requirements
- HDPE material is completely resistant to rust, corrosion, and deterioration
- Available in perforated and non-perforated configurations
- Available in coils or sticks

### Applications

- Culverts
- Downspout/Roof Drainage
- Existing Foundation Drainage
- Landscape Drainage
- Retaining Wall Drainage
- Wet Area Drainage

Contact your Prinsco representative regarding application suitability questions.

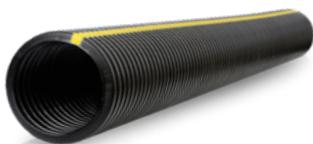


## GOLDLINE® Single-Wall Coils

	Diameter(s)	Standard Length (ft.)	Material
Perforated	2" - 8"	100' - 500'	High Density Polyethylene (HDPE)
Non-Perforated*	2" - 8"	100' - 500'	High Density Polyethylene (HDPE)
with Knitted Polyester Wrap <small>Geotextile fabric specifications are available upon request.</small>	3" - 8"	100' - 390' <small>Special order items.</small>	High Density Polyethylene (HDPE)

\* Not intended to replace sock or fabric around pipe; provided as a service to our customers without any implied warranties.

Single-Wall  
**GOLDLINE®**



## GOLDLINE® Single-Wall Sticks

	Diameter(s)	Standard Length (ft.)	Material
Perforated	3" - 15"	10', 20'*	High Density Polyethylene (HDPE)
Non-Perforated	3" - 15"	10', 20'*	High Density Polyethylene (HDPE)
with Knitted Polyester Wrap <small>Geotextile fabric specifications are available upon request.</small>	8" - 15"	20' <small>Special order items.</small>	High Density Polyethylene (HDPE)
Non-Perforated Lock-Fast Coupler	8" - 15"	10'	High Density Polyethylene (HDPE)

\*Not all product variations available at all locations.



## Geotextile Sock

Goldline® with geotextile sock is great for projects involving fine sand, soil or flowable particles of soil.

### More about Goldline®

Installation Videos  
Installation Documents  
Specifications  
Technical Notes





## Water Management Solutions / **Dual-Wall**

### **GOLDFLO®**

Goldflo® provides unsurpassed performance for residential water management and conveyance. It is designed and manufactured with state-of-the-art methods ensuring maximum material and maximum structural performance.

#### **Plain End Dual-Wall**

Goldflo plain end dual-wall is a high-density polyethylene plastic pipe manufactured to the stringent requirements of **AASHTO M294**, **AASHTO M252** and **ASTM F2306**, ensuring you receive a quality, high performance product.



#### **Integrated Bell & Spigot Dual-Wall**

Goldflo with the integrated bell and spigot ends are manufactured to the most stringent requirements of **AASHTO M294** or **ASTM F2306**, along with the **ASTM D3212** watertight laboratory test requirements, making it ideal for projects where low cost, high installation efficiency, high product quality, and maximum watertight performance are critical.

#### **Features & Benefits**

- Manning's "n" value of 0.012 allows for greater flow capacity and reduces sediment and debris build-up
- Full offering of standard and custom fittings to meet your specific needs and reduce field fabrication and costly structures
- Several joining options allow for quick and easy installation, reducing costs while increasing efficiency
- HDPE material is resistant to rust, corrosion, and deterioration
- Lightweight and easy field manipulation saves time, labor, and allows for the use of smaller equipment while contributing to a safer working environment

**Goldflo® Available Configurations**

Diameter(s)	Standard Length (ft.)	Connection	Pipe Features	Material	Standards	
Plain End	4" - 36"	20'*	Coupler <sup>†</sup> Soil tight Watertight	Dual-wall Non-perforated Perforated	High Density Polyethylene (HDPE)	AASHTO M294 AASHTO M252 ASTM F2306
Integrated Bell and Spigot	4" - 60"	20'*	Gasket Watertight	Dual-wall Non-perforated Perforated	High Density Polyethylene (HDPE)	ASTM F2306 AASHTO M252 AASHTO M294 ASTM F477 ASTM D3212

\*Shorter lengths available at some locations. Some configurations may be special order. <sup>†</sup> Couplers sold separately.

**Dual-Wall Flow Chart Full Flow Capacity**

GPM | Slope (ft./100 ft.)

Diameter	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50	1.0	2.0	5.0
4"	21	29	36	41	46	51	59	65	93	131	207
6"	61	86	106	122	136	149	173	193	273	386	610
8"	131	186	228	263	294	322	372	415	588	831	1,314
10"	238	337	413	476	533	583	674	753	1,065	1,507	2,382
12"	387	548	671	775	866	949	1,096	1,225	1,732	2,450	3,873
15"	702	993	1,216	1,405	1,570	1,720	1,986	2,221	3,141	4,442	7,023
18"	1,142	1,615	1,978	2,284	2,554	2,797	3,230	3,611	5,107	7,223	11,420
24"	2,459	3,478	4,260	4,919	5,500	6,024	6,956	7,777	10,999	15,555	24,595
30"	4,459	6,306	7,724	8,919	9,971	10,923	12,613	14,102	19,943	28,203	44,593
36"	7,251	10,255	12,560	14,503	16,214	17,762	20,510	22,931	32,429	45,861	72,513
42"	10,938	15,469	18,945	21,876	24,458	26,793	30,937	34,589	48,916	69,178	109,381
48"	15,617	22,085	27,049	31,233	34,920	38,253	44,170	49,384	69,839	98,768	156,166
60"	28,315	40,043	49,043	56,629	63,314	69,357	80,086	89,539	126,627	179,078	283,147

To determine CFS, divide values in chart by 448.8

**Dimensions and Strength**

Nominal ID (in.)	Approx. OD (in.)	Corrugation Pitch (ft.)	Nominal Length (ft.)	Min. Pipe Stiffness @ 5% Deflection (psi)
4"	4.8	0.67	20	50
6"	7.1	0.80	20	50
8"	9.5	1.00	20	50
10"	11.8	1.30	20	50
12"	14.4	2.00	10/20	50
15"	17.6	2.67	10/20	42
18"	21.5	3.00	10/20	40
24"	28.3	4.00	10/20	34
30"	34.7	4.00	12/20	28
36"	40.6	4.00	12/20	22
42"	47.8	6.00	12/20	20
48"	54.2	6.00	12/20	18
60"	66.8	6.00	12/20	14

**More about Goldflo®**

Installation Videos  
Installation Documents  
Specifications  
Technical Notes





## Water Management Solutions / Foundation Forms & Drainage

Proform® and Proform HD® are an innovative, efficient alternative to traditional wood or PVC forms. This dual-wall corrugated HDPE system actually forms the footings while at the same time providing superior drainage and radon venting - all in one easy step!



### Features

- **Easy to Handle:** Lightweight yet rigid
- **Cold Weather and Impact Resistant:** Doesn't crack in cold weather or when mishandled on the jobsite
- **No Stripping Forms:** Stays in place after footings are poured
- **No Drain Pipe:** Save time and money by not needing to install additional drainage
- **Easy to Install:** Accommodates various staking procedures
- **Single Elbow, Multiple Angles:** The 90° elbow can be modified for other angles, eliminating the need for extra elbows on the jobsite
- **Durability:** For the toughest installation environments



### Unique Proform HD features....

- **Installed Couplers:** Ships with coupler installed for increased worksite efficiency
- **Longer Sticks:** Additional 2 feet of lay length for fewer connections

## Proform<sup>®</sup> and Proform HD<sup>®</sup> Configurations

	Standard Length (ft.)	Connection	Features	Material
Proform <sup>®</sup>	8'	Coupler (Sold Separately)	Dual Wall, Perforated	High Density Polyethylene (HDPE)
Proform HD <sup>®</sup>	10'	Coupler (Installed)	Dual Wall, Perforated, Sock Available	

## Fittings and Accessories



### Available fittings and accessories include:

Vertical Elbow, End Cap, Coupler, Crossover Adapter, Grade Stake, Spacer, Single Outlet, Variable Angle Elbow

## Proform and Proform HD vs. the Competition

	PROFORM HD	PROFORM	PVC Drain Forms	Traditional Wood Forms
Installed Couplers	✓			
Durable: Cold Weather & Impact Resistant	✓	✓		✓
No Need to Strip Forms	✓	✓	✓	
No Wasted Time Installing Drain Pipe	✓	✓	✓	
Easy to Handle	✓	✓		
Easy to Level	✓	✓	✓	✓
Saves Time & Money	✓	✓	✓	

More about Proform<sup>®</sup> and Proform HD<sup>®</sup>  
[Installation Videos](#)  
[Installation Documents](#)  
[Specifications](#)  
[Technical Notes](#)





## Onsite Wastewater / Chambers



Pro4® Chambers are a highly efficient, gravelless drainfield solutions for residential and commercial septic systems. They were specifically designed for professional contractors who are looking for cost efficiency, delivery convenience, ease of installation, and application flexibility while maximizing drainfield infiltration area.

Pro4's unique, asymmetrical arches provide maximum structural performance to meet the demands of today's drainfield installations. Their interlocking coupler allows for 10° of joint articulation in either direction for contoured trench or bed applications.

| 36



| 36HC



| 36LP



| 24

### Chamber

Trench Width	36"	36"	36"	24"
Height	12"	16"	8"	12"
Width	34"	34"	34"	22"
Effective Length	48"	48"	48"	48"
Weight	14.5 lbs	17 lbs	14 lbs	11 lbs
Invert Height	0.5", 6", 7", 12"	0.5", 10", 11", 16"	0.5", 3.3", 8.8"	0.5", 6", 7", 12"
Louver Height	8.5"	12.2"	6.5"	8.5"
Open Bottom Area	9.8 ft2	9.8 ft2	9.4 ft2	6.4 ft2
Storage Capacity	51 gal	65 gal	32 gal	32 gal
Load Rating*	H-10	H-10	H-10	H-10

### End Cap

Length	16"	16.5"	15"	16"
Width	29"	29"	16"	20"
Height	12"	16"	8.5"	12"
Effective Length	13"	13.5"	12"	13"
Invert Elevations	0.5", 6", 7", 12"	0.5", 10", 11", 16"	0.5", 3.3", 8.5"	0.5", 6", 7", 12"
Endcap Storage	7 gal	10 gal	3.4 gal	4.5 gal
Weight	2.6 lbs	4.5 lbs	2 lbs	2.7 lbs

\*See installation instructions for backfill and cover requirements.

## Performance and Versatility

**Asymmetrical Arch Design** – Supports wheel loads of 16,000 lbs/axle with 12" of cover

**Inspection Port** – Includes provision for 4" inspection port at each chamber to chamber and chamber to endcap connection

**Interlocking Couplers** – Includes interlocking coupler with 10° joint articulation in either direction

**Surface** – Has non-slip textured surface for added safety

**Interlocking Endcap** – Includes interlocking feature for endcap to chamber connection

**Flexible Inletting** – Supports multiple gravity, front, side, and top inletting elevations

**Pressure Dosing** – Accommodates 1 1/4" – 2" diameter pipe installed at-grade or suspended

**Splash Guard** – Integral snap and set splash guard



**Flexibility** – Designed for use in trench and bed applications

Lightweight and easy field manipulation saves time, labor, and allows for the use of smaller equipment

**Certified** – Certified to meet the International Association of Plumbing and Mechanical Officials (IAPMO) standards



### More about Pro4®

[Installation Videos](#)  
[Installation Documents](#)  
[Specifications](#)  
[Technical Notes](#)





## Engineered Solutions: Prinsco's Fabricated Fittings

Prinsco offers a comprehensive line of fabricated fittings designed to meet the demands of diverse residential water management projects. Available in Goldflo® HDPE these fittings provide long-term performance and durability.

### Sizes

Fittings are available to accommodate pipe diameters from 4" to 60" (sizes vary depending on the material needed).

### Selection

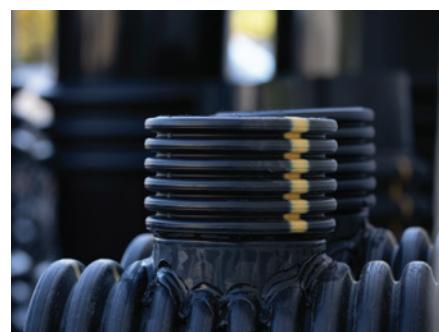
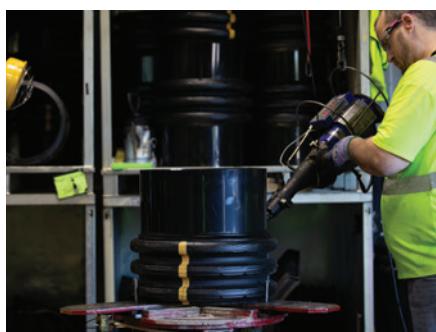
Choose from standard configurations, including tees, wyes, elbows, and end caps, or work with our team to create custom fittings for unique project needs.

### Quality

Our experienced fabrication teams utilize precise manufacturing processes to ensure the quality and consistency of every fitting.

### Lead Times

Prinsco is dedicated to meeting project deadlines with timely delivery.




 Fittings  
**MOLDED**

## Efficient and Reliable: Prinsco Molded Fittings

Prinsco's molded fittings provide effective solutions for a variety of residential water management applications. These fittings are available in a range of sizes and configurations to accommodate diverse project needs.

### Sizes

Fittings are available for pipe diameters from 4" to 12" (size availability may vary by fitting type).

### Selection

Choose from a comprehensive selection of fittings, including tees, wyes, couplers, reducers, and more.

### Quality

Injection molding ensures consistent quality and dimensional accuracy for reliable performance.





## Accessories Built for Residential Water Management

Prinsco offers a wide range of residential water management accessories designed to enhance the functionality and performance of your system. From catch basins to channel drains, we provide the essential components you need for a complete and efficient solution.

**Catch Basins** Durable and efficient catch basins for collecting and directing stormwater runoff. Available in various sizes to suit your needs.

**Channel Drains** Designed for passenger vehicles and light trucks. Available in multiple sizes.

**Culvert Aprons** Protect your culvert inlets and outlets from erosion with our durable culvert aprons.  
**...and more!**

Select Prinsco accessories can be customized to meet the specific requirements of your project.





## Sump Solutions For Reliable Water Collection

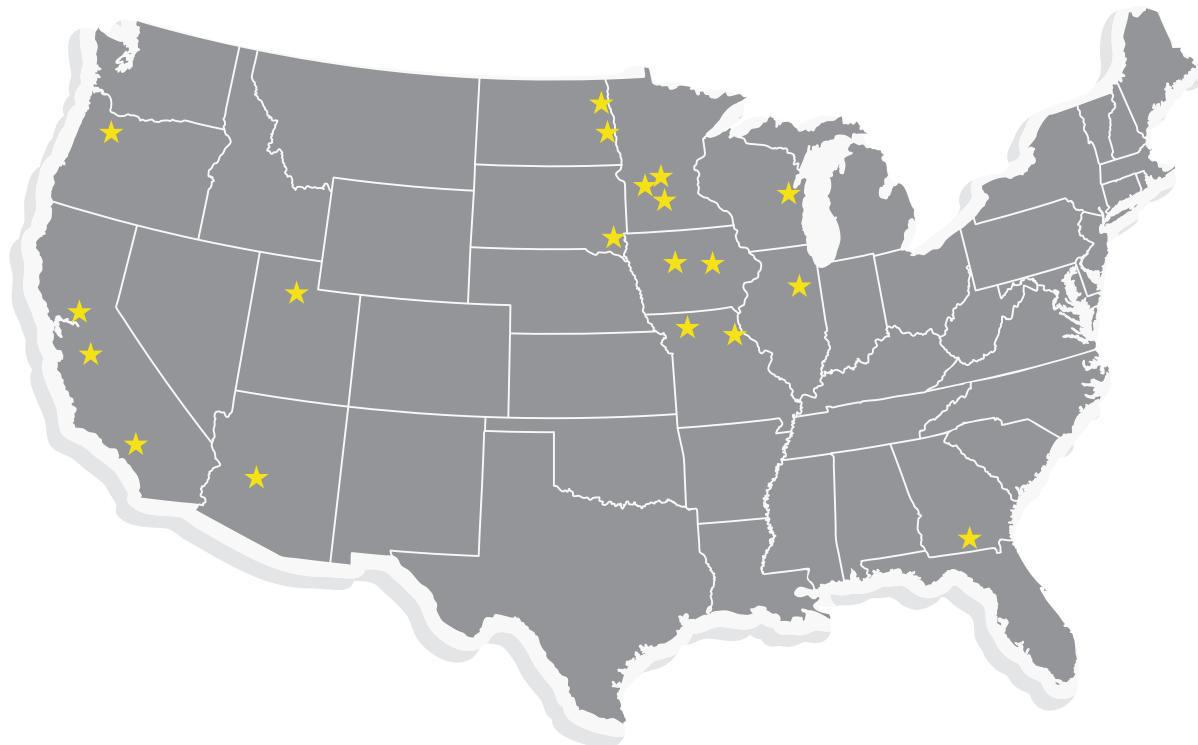
Prinsco sump accessories are designed to work seamlessly with your sump pump setup — supporting both effective water drainage and radon mitigation. Ideal for use with the Proform HD® drainage outlet, these components provide a secure and efficient sump installation. All products are engineered for durability, ease of installation, and long-term performance in residential drainage systems.

**Sump Basins** Durable basins designed to collect groundwater from a home's perimeter drainage. Add an extension collar to add vertical height to your basin installation for deeper sump pit applications.

**Sump Lids** Secure-fitting lids that help prevent debris from entering the sump while maintaining accessibility. Also available gasket-sealed covers to help prevent radon gas from escaping into living spaces. Ideal for homes with radon mitigation systems.



# Shipping



## Our Locations

At Prinsco, we are committed to prioritizing people to build long-lasting relationships. Our network of 21 strategically positioned locations, including our Research Tech Center and Engineering Tech Center, ensure we can offer personalized technical support, service, and timely delivery.

## Prinsco delivers quality from manufacturing right down to the service we provide on delivery.

The charts on the following page give approximate load quantities. The quantities may vary according to the length of the trailer or if common carriers are employed for shipment. In mixed-size load situations, calculate the percentage of the load that each size will constitute. Then, total the percentages to determine the extent of the load. If pipe lengths are shipped, small diameter pipe may be nested inside the larger sizes. This will maximize load quantities and reduce freight costs. The charts are strictly “rule of thumb” to give you a general idea of load quantities. For more specific figures, call our Customer Service Department.



# Shipping

## Shipping Quantities

### Goldline® Single-Wall Pipe

Approximate load quantities for a 53-foot trailer.

Diameter	Unit	*Units Per Load	Footage
3"	Micro	260	26,000
	Mini	76	22,800
4"	Micro	170	17,000
	Mini	76	19,000
5"	Mini	76	12,540
6"	Mini	76	7,600
8"	20' Lengths	266	5,320
10"	20' Lengths	180	3,600
12"	20' Lengths	120	2,400
15"	20' Lengths	70	1,400

\* Units per load may vary by state.

Approximate load quantities for a 53-foot dry van trailer.

Diameter	Unit	*Units Per Load	Footage
3"	Micro	196	19,600
	Mini	54	16,200
4"	Micro	140	14,000
	Mini	54	13,500
5"	Mini	54	8,910
6"	Mini	54	5,400

### Proform HD®

	Sticks	Elbows	Stakes	Crossovers
Units	6/bundle	36/box	100/box	48/box
Units per Pallet	126 - (1,260 ft. total)	24 boxes	60 boxes	140
Pallets per 53-foot trailer	16	2	2	As Required

### Pro4® Chambers

The chart below shows the number of chambers and end caps per pallet for each Pro4 chamber size. To calculate the number of pallets of each per truckload contact our Customer Service Department.

	Pro4/36		Pro4/36HC		Pro4/36LP		Pro4/24	
	Chambers	End Caps	Chambers	End Caps	Chambers	End Caps	Chambers	End Caps
Units per Pallet	85	120	68	140	85	240	140	120



## Notes



## Notes



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