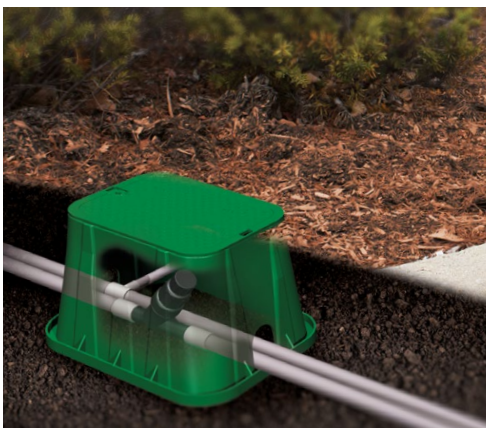




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## Product Catalog



Residential and Commercial Drainage | Professional Irrigation | Valve and Meter Boxes | Flow Management

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**USA**

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# Channel Drains

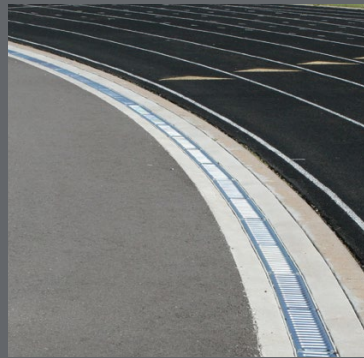
NDS offers a wide range of channel and trench drains suitable for any application. These long and narrow drains, intercept, collect, and convey water runoff to drain pipes, reducing runoff on property and standing water on hardscapes that can lead to slip hazards, pest breeding grounds, and erosion.

## Product Applications



### Residential

NDS offers channel drain and grate solutions ideal for pool decks and patios, walkways and driveways.



### Commercial

A variety of sizes and solutions ideal for any commercial application including plazas, courtyards, parking lots and sports facilities.



### Heavy-Duty

For installations requiring higher-load bearing capabilities, NDS has solutions for factory floors, loading docks, washdown areas and warehouses.

## Channel Grate Materials and Styles

Our grates are available in a wide variety of styles, materials, colors and finishes.

### Materials:

Plastic, Iron, Polished Brass, Satin Brass, Galvanized Steel & Stainless Steel

Plastic



Iron



Polished & Satin Brass



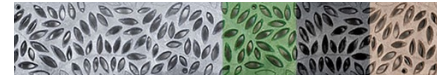
Galvanized Steel



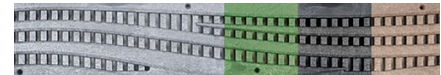
Stainless Steel



Botanical



Wave



Weave



Diamond



Brick



Tile



Deco Slot



Slotted



Square



Chain



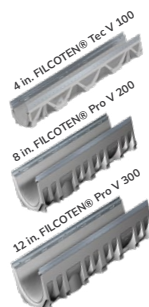


We put water in its place™

## FILCOTEN® Channel Drain

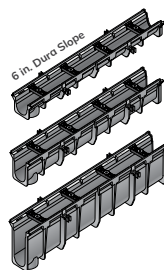
FILCOTEN® by NDS® combines smart engineering and smart materials to provide a superior trench drain suitable for handling a high-load capacity.

4 in., 8 in. and 12 in. widths, sloped and neutral.



## Dura Slope™ Trench Drain

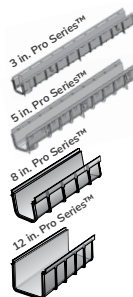
NDS Dura Slope™ is a high-quality trench drain system ideal for the interception and collection of surface runoff, including driveways, parking areas, warehouses, loading docks, pools, wash down areas. This pre-sloped and neutral trench is great for residential, commercial, industrial and municipal drainage needs.



## Pro Series Channel Drain

NDS Pro Series™ is a lightweight channel drain system with interlocking joints and a modular design, so systems are flexible and connections are made quickly and easily. Load Rated Up to Class C with appropriate grate. For Residential and Commercial applications.

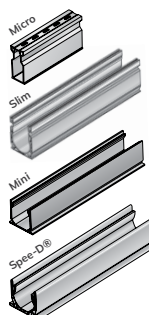
3 in., 5 in., 8 in. and 12 in. widths.



## Profile Channel Drain

Unique patented flying buttress design provides load-bearing support. Available in four sizes. Spee-D® for driveways, large decks and commercial areas; Mini for landscapes, pools or decks; Slim for residential pools, spas and walkways and Micro for residential pools and spas.

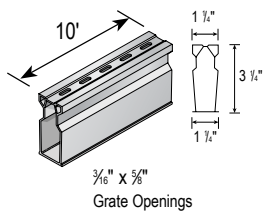
1 in., 3 in. and 4 in. widths.




## Profile Channel Drains

### Micro Channel™ Drains

Excellent performance at lowest possible cost. Designed for residential applications including swimming pools, spas and patios. Unique design features grate openings parallel to channel length and recessed grate for strength and effective runoff capture.

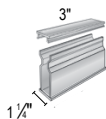
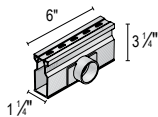
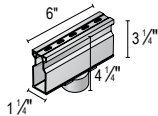
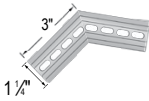
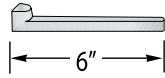


Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specificationa
8001	10' Long Micro Channel	White	100 ft.	5.00	25PF	10 ft. Micro Channel with Recessed Reinforced Grate Area, Parallel Drain Slots with UV inhibitor. Open surface area 1.00 square inch per linear foot. 3.06 GPM per foot. PVC.
8002	10' Long Micro Channel	Sand	100 ft.	5.00	25PF	
8003	10' Long Micro Channel	Gray	100 ft.	5.00	25PF	
	Includes 1 coupling. ADA Compliant/Heel-proof, see page 71.					

All Micro Channel Drains are Made in the USA

We put water in its place™

## Micro Channel™ Accessories

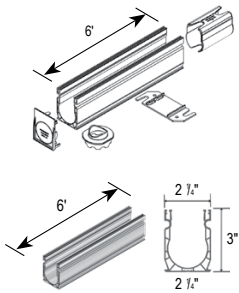


Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class
230	6" Channel Installation Stake	Gray	24	0.04	25PF
8301	Micro Channel 45° Elbow*	White	5	0.30	25PF
8302	Micro Channel 45° Elbow*	Sand	5	0.30	25PF
8303	Micro Channel 45° Elbow*	Gray	5	0.30	25PF
8381	Micro Channel 90° Elbow*	White	5	0.40	25PF
8382	Micro Channel 90° Elbow*	Sand	5	0.40	25PF
8383	Micro Channel 90° Elbow*	Gray	5	0.40	25PF
8461	Micro 1½" Sch. 40 Spigot End Outlet*	White	10	0.10	25PF
8462	Micro 1½" Sch. 40 Spigot End Outlet*	Sand	10	0.10	25PF
8463	Micro 1½" Sch. 40 Spigot End Outlet*	Gray	10	0.10	25PF
8471	Micro End Plug	White	20	0.05	25PF
8472	Micro End Plug	Sand	20	0.05	25PF
8473	Micro End Plug	Gray	20	0.05	25PF
8481	Micro Channel Couplings only Fits inside channel	White	20	0.10	25PF
8501	Micro 1½" Sch. 40 Spigot Bottom Outlet*	White	10	0.35	25PF
8502	Micro 1½" Sch. 40 Spigot Bottom Outlet*	Sand	10	0.35	25PF
8503	Micro 1½" Sch. 40 Spigot Bottom Outlet*	Gray	10	0.35	25PF
8511	Micro 1½" Sch. 40 Spigot Side Outlet	White	10	0.35	25PF
8512	Micro 1½" Sch. 40 Spigot Side Outlet	Sand	10	0.35	25PF
8513	Micro 1½" Sch. 40 Spigot Side Outlet	Gray	10	0.35	25PF
8601	Micro Hold-Down Clips Use with Channel Stakes to hold channel in place	White	20	0.10	25PF
8651	Micro Channel Cleanout*	White	10	0.30	25PF
8652	Micro Channel Cleanout*	Sand	10	0.30	25PF
8653	Micro Channel Cleanout*	Gray	10	0.30	25PF

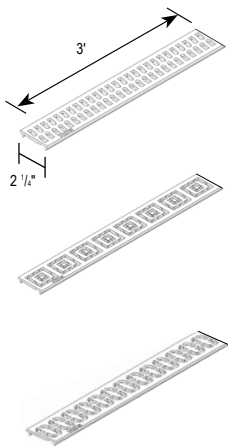
\*Requires 8481 coupling

## Slim Channel Drains

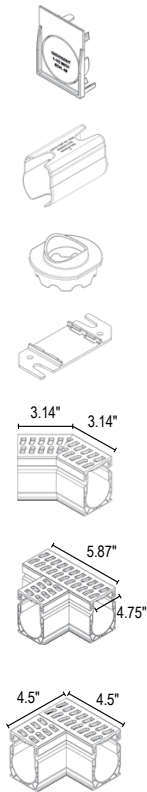
Excellent for light duty applications, including residential pools, concrete and paver patios, spas, walkways and paver landscapes.



Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specifications
9206SKIT	6 ft. Slim Channel Kits with sand plastic grates	Sand	15 ea. (90 LF)	4.2	25PF	2.25" wide Channel Drain Kits & Assemblies End & bottom outlets fit 1-1/2" Schedule 40 pipe PVC Channel with UV inhibitor See related specifications for 9241, 9242 & 9243 plastic slotted grates
9206GKIT	6 ft. Slim Channel Kits with gray plastic grates	Gray	15 ea. (90 LF)	4.2	25PF	
Kits include 6 ft. channel, 2 slotted grates, 2 end caps/outlets, 2 anchor clips, 1 coupling & 1 bottom outlet						
9209WHITE	9 ft. Slim Channel & Grate Assembly	White	10 ea. (90 LF)	5.58	25PF	
9209SAND	9 ft. Slim Channel & Grate Assembly	Sand	10 ea. (90 LF)	5.58	25PF	
9209GRAY	9 ft. Slim Channel & Grate Assembly	Gray	10 ea. (90 LF)	5.58	25PF	
Assemblies include 9 ft. channel and 3 slotted grates						
9206	6 ft. Slim Channel	Black	15 ea. (90 LF)	3.00	25PF	
9209	9 ft. Slim Channel	Black	10 ea. (90 LF)	4.5	25PF	
	See page 71.					
9241	3 ft. Slim Channel Grate	White	30 ea. (90 LF)	0.36	25PF	3 ft polypropylene channel grate with UV inhibitor. Open Surface Area 7.01 square inches per foot. 21.44 GPM per foot.
9242	3 ft. Slim Channel Grate	Sand	30 ea. (90 LF)	0.36	25PF	
9243	3 ft. Slim Channel Grate	Gray	30 ea. (90 LF)	0.36	25PF	
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 71.					



## Slim Channel Accessories

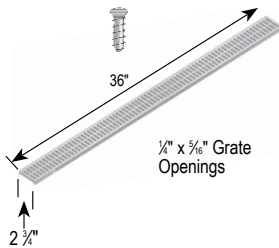



Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specificationa
9247	Slim Channel End Cap/Outlet	Black	20 EA	0.04	25PF	End & bottom outlets fit 1-1/2" Schedule 40 pipe
9248	Slim Channel Coupling*	Black	20 EA	0.08	25PF	
9250	Slim Channel Bottom Outlet	Black	10 EA	0.04	25PF	
9270	Slim Channel Anchor Clip	Black	20 EA	0.04	25PF	
9301	Slim Channel Fab 45	White	1 EA	0.29	25PF	
9302	Slim Channel Fab 45	Sand	1 EA	0.29	25PF	
9303	Slim Channel Fab 45	Gray	1 EA	0.29	25PF	
9371	Slim Channel Fab Tee	White	1 EA	0.41	25PF	
9372	Slim Channel Fab Tee	Sand	1 EA	0.41	25PF	
9373	Slim Channel Fab Tee	Gray	1 EA	0.41	25PF	
9381	Slim Channel Fab 90	White	1 EA	0.35	25PF	
9382	Slim Channel Fab 90	Sand	1 EA	0.35	25PF	
9383	Slim Channel Fab 90	Gray	1 EA	0.35	25PF	

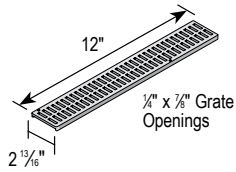
\*Slim channel fittings require slim channel couplings


## Mini Channel™ Drains

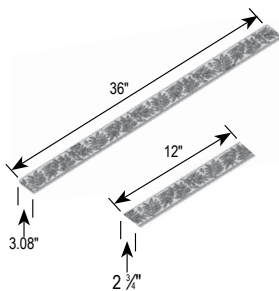
Excellent for light-duty applications including residential pools, concrete and paver patios, spas and tennis courts.




Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specifications
529	Stainless Steel Screws, FH #4 x 5/8"	Steel	64/Bag	0.10	25PF	3 ft. Structural Foam Polyolefin Plastic Channel Grate with UV inhibitor. Open surface area 9.90 square inches per foot. 30.29 GPM per foot.
540	3' Channel Grate	White	48 ft.	0.66	25PF	
541	3' Channel Grate	Gray	48 ft.	0.66	25PF	
542	3' Channel Grate	Green	48 ft.	0.66	25PF	
543	3' Channel Grate	Black	48 ft.	0.66	25PF	
544	3' Channel Grate	Sand	48 ft.	0.66	25PF	
551	3' Channel Grate	Brick Red	48 ft.	0.66	25PF	
 Requires 4 screws per Grate. ADA Compliant/Heel-proof, see page 71.						



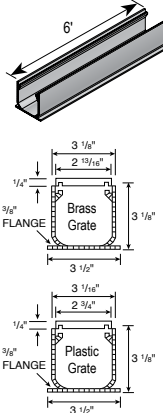
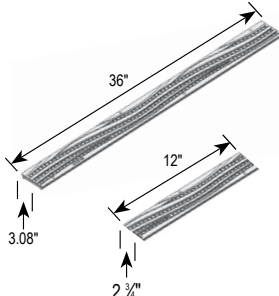
552B	1' Brass Channel Grate	Satin Brass	12	1.25	25PF	1 ft. Mini Channel Solid Brass Grate with brass screws. Open surface area 9.20 square inches per foot. 28.14 GPM per foot.
553PB	1' Brass Channel Grate	Polished Brass	12	1.25	25PF	
 Fits #500 Mini Channel, see page 43. ADA Compliant/Heel-proof, see page 71.						




846	Stainless Steel Screws, FH #4 x 1"	Steel	40/Bag	0.10	25PF	3 ft. Structural Foam Polyolefin Plastic 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	25PF	
554GY	3' Botanical Channel Grate	Gray	16	0.89	25PF	
554	3' Botanical Channel Grate	Black	16	0.89	25PF	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.
554CI	1' Botanical Cast Iron Channel Grate	Black*	1	1.82	25PF	
 Fits #500 Mini Channel, see page 43. ADA Compliant, see page 71. *Painted for shipping & display only; grate will form iron-oxide patina						



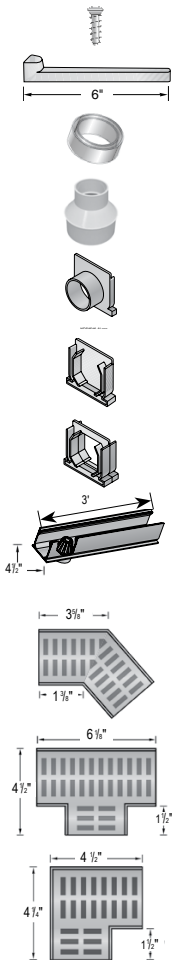
Mini Channel™ Drains



Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specificationa
846	Stainless Steel Screws, FH #4 x 1"	Steel	40/Bag	0.10	25PF	3 ft. Structural Foam Polyolefin Plastic wave pattern Channel Grate with UV inhibitor. Open surface area 5.73 square inches per foot. 17.54 GPM per foot. 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.
555S	3' Wave Channel Grate	Sand	16	0.88	25PF	
555GY	3' Wave Channel Grate	Gray	16	0.88	25PF	
555	3' Wave Channel Grate	Black	16	0.88	25PF	
555CI	1' Wave Cast Iron Channel Grate	Black*	1	1.30	25PF	
	Fits #500 Mini Channel, see below. ADA Compliant, see page 71. *Painted for shipping & display only; grate will form iron-oxide patina					

500	6' Mini Channel Drain	Gray	48 ft.	3.26	25PF	6 ft. PVC Mini Channel Drain with inverse flying-buttress design, bottom flange, patented honeycomb reinforced walls and UV inhibitor.
500S	6' Mini Channel Drain	Sand	48 ft.	3.26	25PF	
Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" in traffic applications.						

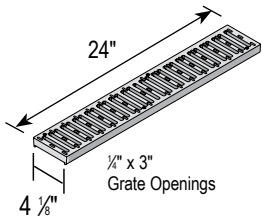
## Mini Channel™ Accessories




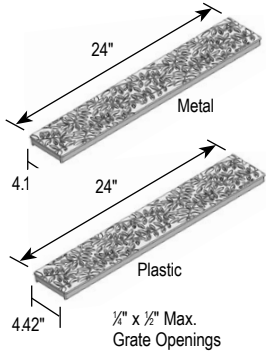
Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class
529	Stainless Steel Screws, FH #4 x 5/8"	Steel	64/Bag	0.10	25PF
230	6" Channel Installation Stake	Gray	24	0.04	25PF
532	Adapter Bushing for Mini Channel 2" Bottom & End Outlet to 3" S&D Fittings	White	20	0.14	30PV
533	Adapter for Mini Channel 2" Bottom & End Outlet to 4" S&D Fittings	White	20	0.34	30PV
546	Mini Channel End Outlet to 2" Sch. 40 Pipe Fittings	Gray	10	0.15	25PF
546S	Mini Channel End Outlet to 2" Sch. 40 Pipe Fittings	Sand	10	0.15	25PF
547	Mini Channel End Cap	Gray	20	0.12	25PF
547S	Mini Channel End Cap	Sand	20	0.12	25PF
548	Mini Channel Coupling	Gray	20	0.12	25PF
548S	Mini Channel Coupling	Sand	20	0.12	25PF
550	3' Mini Channel Drain with Atrium Strainer & Bottom Outlet to 2" Sch. 40 Pipe Fittings	Gray	6	2.17	25PF
5300	Fabricated 45° Elbow with Grate	Gray	1	0.40	25PF
5303	Fabricated 45° Elbow with Grate	Sand	1	0.40	25PF
5370	Fabricated Tee with Grate	Gray	1	0.50	25PF
5380	Fabricated 90° Elbow with Grate	Gray	1	0.40	25PF
5383	Fabricated 90° Elbow with Grate	Sand	1	0.40	25PF


# Spee-D® Channel Drains

Ideal for commercial as well as residential applications. Effective in everything from patios to light vehicular traffic areas

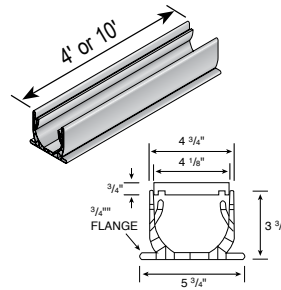
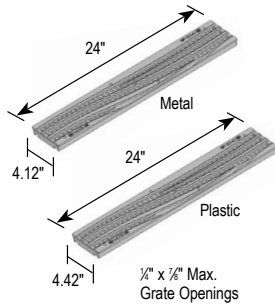



Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specificationa
229	Stainless Steel Screws, FH #8 X 1" for Spee-D Channel Plastic Slotted Grates	Steel	48/Bag	0.06	25PF	2 ft. Structural Foam Polyolefin Plastic Secured Channel Grate with UV inhibitor. Open surface area 16.76 square inches per foot. 51.27 GPM per foot.
240	2' Channel Slotted Grate	White	24 ft.	1.33	25PF	
241	2' Channel Slotted Grate	Gray	24 ft.	1.33	25PF	
242	2' Channel Slotted Grate	Green	24 ft.	1.33	25PF	
243	2' Channel Slotted Grate	Black	24 ft.	1.33	25PF	
244	2' Channel Slotted Grate	Sand	24 ft.	1.33	25PF	2 ft. Galvanized Steel Channel Grate. Open surface area 15.49 square inches per foot. 47.39 GPM per foot.
251	2' Channel Slotted Grate	Brick Red	24 ft.	1.42	25PF	
254	2' Galvanized Steel Channel Grate	Galv. Steel	24 ft.	1.90	25PF	
	ADA Compliant, see page 71.					




829	Stainless Steel Screws, FH #6 X 1-1/4" for Spee-D Channel Decorative Plastic Grates	Steel	40/Bag	0.15	25PF	2 ft. Structural Foam Polyolefin Plastic decorative botanical Channel Grate with UV inhibitor. Open surface area 7.78 square inches per foot. 23.80 GPM per foot.
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*	2 ft.	7.06	25PF	2 ft. Cast Iron decorative botanical Channel Grate. Open surface area 8.99 square inches per foot. 27.50 GPM per foot. Class B load rated.
229	Stainless Steel Screws, FH #8 x 1" for Spee-D Channel Decorative Iron Grates	Steel	48	0.06	25PF	
	See page 71. ADA Compliant, see page 71. *Painted for shipping & display only; grate will form iron-oxide patina					

## Spee-D® Channel Drains



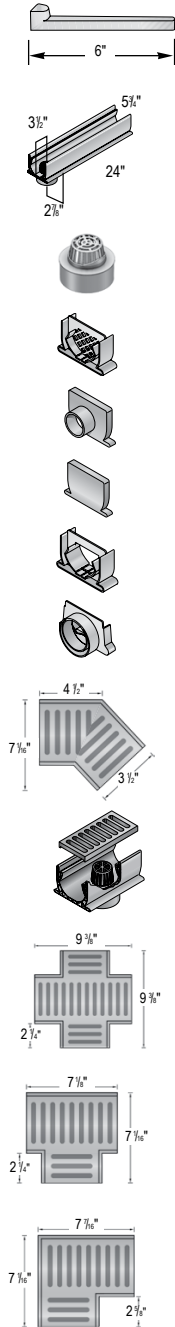
Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specificationa
829	Stainless Steel Screws, FH #6 X 1-1/4" for Spee-D Channel Decorative Plastic Grates	Steel	40/Bag	0.15	25PF	2 ft. Structural Foam Polyolefin Plastic decorative wave Channel Grate with UV inhibitor. Open surface area 7.78 square inches per foot. 23.80 GPM per foot.
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	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.
229	Stainless Steel Screws, FH #8 x 1" for Spee-D Channel Decorative Iron Grates	Steel	48	0.06	25PF	
	ADA Compliant, see page 71. *Painted for shipping & display only; grate will form iron-oxide patina					

400	4' Spee-D Channel Drain	Gray	24 ft.	4.83	25PF	PVC Channel Drain with Inverse Flying Buttress design, bottom flange, patented honeycomb reinforced walls and UV inhibitor.
400-10	10' Spee-D Channel Drain	Gray	60 ft.	11.00	25PF	
400-10WH	10' Spee-D Channel Drain Assembly with pre-fastened Gray Plastic Grates	Gray	60 ft.	17.5	25PF	
400-10MTL	10' Spee-D Channel Drain Assembly with pre-fastened Galvanized Steel Grates	Galvanized Steel	40 ft.	20.5	25PF	
	Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" below finished grade in traffic applications. See page 71.					



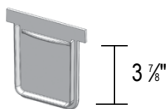
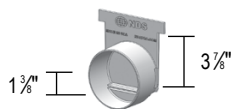
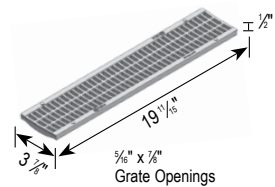
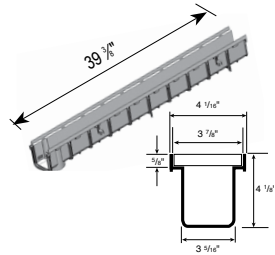
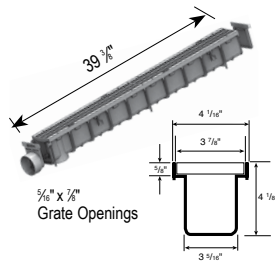
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## Spee-D® Channel Accessories



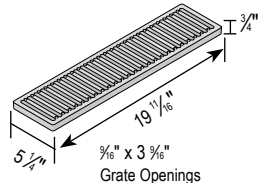
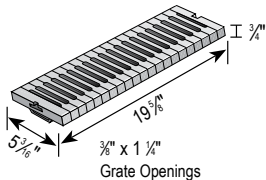
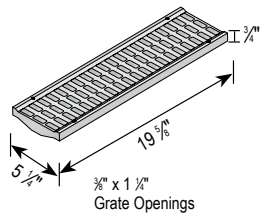
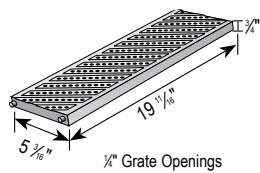
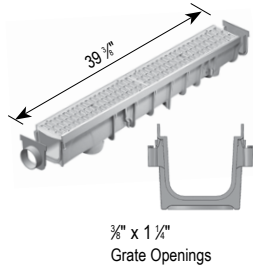
Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class
230	6" Channel Installation Stake	Gray	24	0.04	25PF
234	2' Spee-D Channel Drain with Atrium Strainer and Bottom Outlet to 3" and 4" Sewer and Drain Fittings	Gray	12	2.67	25PF
2350	Spee-D Channel Bottom Outlet insert to 3" and 4" Sewer and Drain Fittings	Gray	5	0.30	25PF
245	Spee-D Channel Strainer Coupling	Gray	20	0.35	25PF
246	Spee-D Channel End Outlet to 2" Sch. 40 Pipe Fittings	Gray	10	0.40	25PF
247	Spee-D Channel End Cap	Gray	10	0.40	25PF
248	Spee-D Channel Coupling	Gray	20	0.40	25PF
249	Spee-D Channel Offset End Outlet to 3" Sewer and Drain Pipe and 4" Sewer and Drain Fittings	Gray	10	0.50	25PF
2301	Fabricated 45° Elbow with Grate	Gray	1	2.00	25PF
2351	7" Fabricated Grate 4" Bottom Outlet with Grate	Gray	1	1.70	25PF
2361	Fabricated Cross and Grate	Gray	1	3.00	25PF
2371	Fabricated Tee with Grate	Gray	1	3.00	25PF
2381	Fabricated 90° Elbow with Grate	Gray	1	3.00	25PF






## 3" Pro Series Channel™ Drains



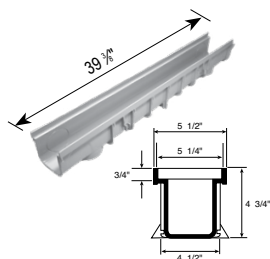
Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specifications
764	3" x 1 Meter Light Traffic Channel Grate & Channel Drain Kit	Light Gray	10	3.50	25IN	3" wide Light Traffic Channel Grate and Channel Drain with mechanical interlocking joints and UV inhibitors. Open surface area 23.63 square inches per foot. 76.85 GPM per foot.
	Includes 1 end outlet (#713) and 1 end cap (#712). Bottom and end outlets fit 3" S&D fittings. Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" in traffic applications. ADA Compliant, see page 71.					
710	3" x 1 Meter Channel Drain*	Light Gray	12	1.90	25IN	3" wide Light Traffic Channel with mechanical interlocking joints and UV inhibitors. Polypropylene.
	Bottom outlet fits 3" S&D fittings. Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" in traffic applications. *Produced under license of First Plast S.R.L. - Italy. ADA Compliant, see page 71.					
714	3" x 20" Light Traffic Channel Grate*	Light Gray	24	0.70	25IN	3" wide Light Traffic Channel Grate. Open surface area 23.63 square inches per foot. 72.29 GPM per foot. Polypropylene.
	Requires #229 screws (quantity 4 per grate), see below. *Produced under license of First Plast S.R.L. - Italy. ADA Compliant, see page 71.					
713	3" End Cap/End Outlet	Light Gray	12	0.10	25IN	3" Channel End Cap/End Outlet. Polypropylene.
	Fits 3" Fittings.					
712	3" End Cap	Light Gray	20	0.05	25IN	3" Channel End Cap. Polypropylene.
229	Stainless Steel Screws FH H8 x 1"	Steel	48/Bag	0.06	25PF	

## 5" Pro Series Channel™ Drains

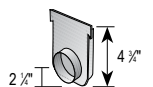


Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specificationa
864	5" x 1 Meter Light Traffic Channel Kit with Light Gray Plastic Grates. Includes 1 End Outlet & 1 Cap	Light Gray	9	5.67	25IN	5" wide Light Traffic Channel Drain Kits and Displays.
864DISPLAY	5" Pro Series Channel Kit with Plastic Grate Display (9 kits)	Light Gray	1 box = 9 kits	51.03	25IN	See related specifications for 800 Channel and 814 & 824 Grates. Includes channel, grates, screws, end cap and end cap/ outlet.
864GMTL	5" x 1 Meter Light Traffic Channel Kit with Galvanized Steel Grates. Includes 1 End Outlet & 1 Cap	Galvanized Steel	9	6.15	25IN	DISP includes 9 kits either light gray plastic or galvanized steel grates
864GMTLDISP	5" Pro Series Channel Kit with Steel Grate Display (9 kits)	Galvanized Steel	1 box = 9 kits	55.35	25IN	
	Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" below finish grade in traffic applications. ADA Compliant, see page 71.					
826	5" x 20" Pedestrian Traffic Channel Grate	Light Gray	10	1.00	25IN	5" wide UV-protected Structural Foam Polyolefin Pedestrian Traffic Channel Grate. Open surface area 4.86 square inches per foot. 24.26 GPM per foot.
	Requires #829 screws (quantity 4 per grate). ADA Compliant/Heelproof, see page 71.					
814	5" x 20" Light Traffic Channel Grate	Light Gray	10	1.16	25IN	5" wide Structural Foam Polyolefin Light Traffic Channel Grate with UV inhibitors. Open surface area 23.52 square inches per foot. 71.95 GPM per foot. 2 ft. Galvanized Steel Channel Grate. Open surface area 19.32 square inches per foot. 59.1 GPM per foot.
815	5" x 20" Light Traffic Channel Grate	Green	10	1.16	25IN	
816	5" x 20" Light Traffic Channel Grate	Black	10	1.16	25IN	
817	5" x 20" Light Traffic Channel Grate	Sand	10	1.16	25IN	
818	5" x 20" Light Traffic Channel Grate	Brick Red	10	1.16	25IN	
819	5" x 20" Light Traffic Channel Grate	White	10	1.16	25IN	
824	5" x 20" Galvanized Steel Light Traffic Channel Grate	Galvanized Steel	10	1.14	25IN	
	Requires #829 screws (quantity 4 per grate). ADA Compliant, see page 71.					
828	5" x 20" Load Star Heavy Traffic Channel Grate	Gray	10	2.35	25IN	5" wide UV-protected high- impact glass-reinforced nylon Heavy Traffic Channel Grate. Open surface area 15.92 square inches per foot. 48.70 GPM per foot.
	Requires #829 screws (quantity 4 per grate), see below. See page 71.					
823	5" x 20" Ductile Channel Grate	Black*	1	12.30	25IN	5" wide heavy-duty Ductile Heavy Traffic Channel Grate. Open surface area 22.90 square inches per foot. 70.05 GPM per foot.
	Requires #829 screws (quantity 4 per grate), see below. ADA Compliant, see page 71. *Painted for shipping & display only; grate will form iron-oxide patina					
829	Stainless Steel Screws FH #6 x 1 1/4"	Steel	40/Bag	0.15	25PF	

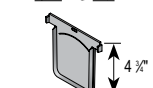
## 5" Pro Series Channel™ Drains



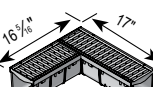
Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specificationa
800	5" x 1 Meter Deep Profile Channel Drain	Light Gray	10	4.00	25IN	5" wide Deep Profile Channel Drain with interlocking joints, side rebar clips, integrated side and bottom outlet Knockouts. Polypropylene.
	New Integrated side outlet Knockouts fit 3" S&D pipe Integrated Knockout bottom outlet fits 3" and 4" S&D fittings. Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" in traffic applications.					



812	5" Deep Profile End Cap	Light Gray	10	0.13	25IN	5" wide Deep Profile End Cap. PVC.
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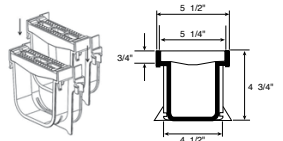
813	5" Deep Profile End Cap/3" S&D Hub & 4" S&D SPT Knockout End Outlet	Light Gray	10	0.40	25IN	5" wide Deep Profile End Cap/End Outlet. PVC.
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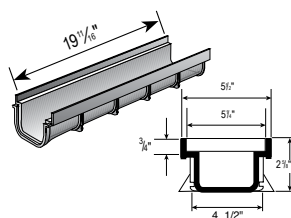
861	5" Deep Profile Grate & Channel Drain 90° Elbow	Light Gray	1	3.44	25IN	
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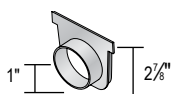
862	5" Deep Profile Grate & Channel Drain 45° Elbow	Light Gray	1	3.44	25IN	
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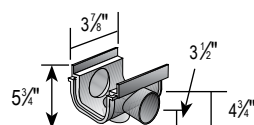
PSRC-864	Quik-Turn™ 5" Deep Radius Coupling Provides a 6 degree bend left or right	Light Gray	9	0.30	25IN	
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820	5" x 20" Shallow Profile Channel Drain*	Light Gray	10	1.35	25IN	5" wide Shallow Profile UV-protected high-impact PVC Channel Drain with mechanical interlocking joint.
	Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" in traffic applications. *Produced under license of First Plast S.R.L.- Italy.					



821	5" Shallow Profile End Cap/1-1/2" Sch. 40 SPT Knockout End Outlet*	Light Gray	10	0.15	25IN	5" wide Shallow Profile high-impact PVC End Cap/End Outlet.
	End Outlet fits 1-1/2" Schedule 40 fittings. *Produced under license of First Plast S.R.L.- Italy.					

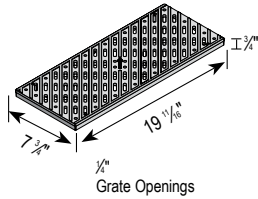



822	5" Shallow Profile 3" S&D SPT Bottom Outlet/1 1/2" Sch. 40 Hub Side Outlet	Light Gray	10	0.60	25IN	5" wide Shallow Profile high-impact PVC Bottom/Side Outlet.
	Side Outlets fit 1-1/2" Schedule 40 pipe Bottom Outlet fits 3" S&D fittings					

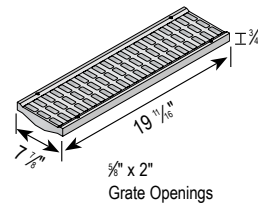



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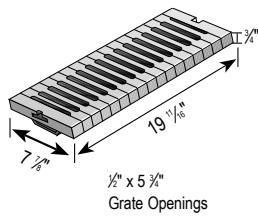
## 8" Pro Series Channel™ Drains




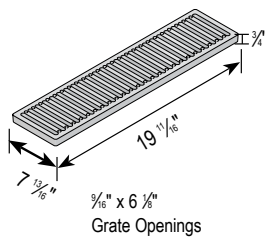
Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specifications
836	8" x 20" Pedestrian Traffic Channel Grate	Light Gray	1	1.55	25IN	8" wide UV-protected Structural Foam Polyolefin Pedestrian Traffic Channel Grate. Open surface area 13.82 square inches per foot. 42.28 GPM per foot.
	Requires #829 screws (quantity 4 per grate). ADA Compliant/Heelproof, see page 71.					




837	8" x 20" Light Traffic Channel Grate	Light Gray	1	3.00	25IN	8" wide UV-protected Structural Foam Polyolefin Light Traffic Channel Grate. Open surface area 30.28 square inches per foot. 92.63 GPM per foot.
	Requires #829 screws (quantity 4 per grate), see below. See page 71.					



838	8" x 20" Load Star Heavy Traffic Channel Grate*	Gray	1	3.59	25IN	8" wide UV-protected high-impact glass-reinforced nylon Heavy Traffic Channel Grate. Open surface area 30.85 square inches per foot. 94.37 GPM per foot.
	Requires #829 screws (quantity 4 per grate). *Produced under license of First Plast S.R.L. - Italy. ADA Compliant, see page 71.					

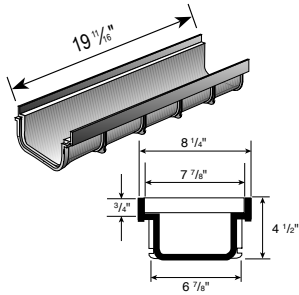


888	8" x 20" Ductile Channel Grate	Black*	1	22.24	25IN	8" wide heavy-duty Ductile Heavy Traffic Channel Grate. Open surface area 23.80 square inches per foot. 71.28 GPM per foot.
	*Painted for shipping & display only; grate will form iron-oxide patina #829 screws may be used (quantity 4 per grate), see below.					

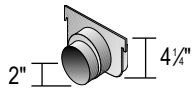


829	Stainless Steel Screws FH #6 x 1 1/4"	Steel	40/Bag	0.15	25PF	
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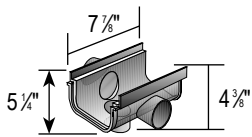
## 8" Pro Series Channel™ Drains



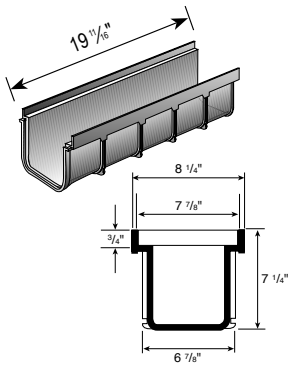
Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specificationa
830	8" x 20" Shallow Profile Channel Drain*	Light Gray	1	2.00	25IN	8" wide Shallow Profile high-impact PVC Channel Drain with mechanical interlocking joints and UV inhibitors.
	Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" in traffic applications. *Produced under license of First Plast S.R.L.- Italy.					



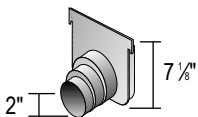
831	8" Shallow Profile End Cap/ 3" S&D SPT Knockout End Outlet*	Light Gray	1	0.49	25IN	8" wide Shallow Profile high-impact PVC End Cap/End Outlet.
	End Outlet fits 3" Sewer and Drain fittings *Produced under license of First Plast S.R.L.- Italy.					



832	8" Shallow Profile 3" S&D SPT Side Outlet*	Light Gray	1	1.38	25IN	8" wide Shallow Profile high-impact PVC Bottom/ Side Outlets with bottom adapter.
	Bottom outlet fits 4" S&D pipe, side outlets fit 3" Sewer and Drain fittings. *Produced under license of First Plast S.R.L.- Italy.					



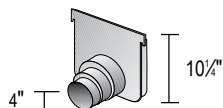
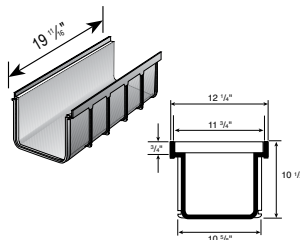
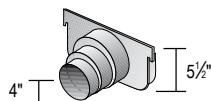
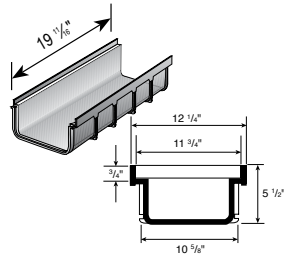
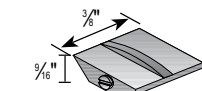
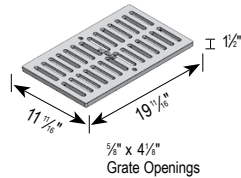
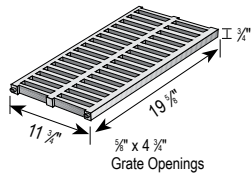
833	8" x 20" Deep Profile Channel Drain	Light Gray	1	2.80	25IN	8" wide Deep Profile high-impact PVC Channel Drain with mechanical interlocking joints and UV inhibitors.
	Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" in traffic applications.					



834	8" Deep Profile End Cap/3"& 4" S&D SPT Knockout End Outlet	Light Gray	10	0.51	25IN	8" wide Deep Profile high-impact PVC End Cap/End Outlet.
	End Outlet fits 3" and 4" Sewer and Drain fittings *Produced under license of First Plast S.R.L.- Italy.					

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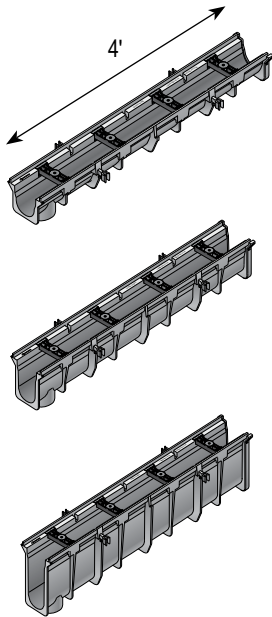
## 12" Pro Series Channel™ Drains



Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specifications
847	12" x 20" Light Traffic Channel Grate*	Gray	1	4.64	25IN	12" wide UV-protected high-impact PVC Light Traffic Channel Grate. Open surface area 48.77 square inches/foot. 149.19 GPM per foot.
	*Produced under license of First Plast S.R.L. - Italy. See page 71.					
885	12" x 20" Ductile Iron Heavy Traffic Channel Grate	Black*	1	29.30	25IN	12" Wide Cast Iron Heavy Traffic Channel Grate. Open surface area 46.70 square inches per foot. 142.86 GPM per foot.
	*Painted for shipping & display only; grate will form iron-oxide patina See page 71.					
849	Grate Security Clip*	Gray	10	0.40	25IN	
	For use with 847 and 885 grates and 840 or 843 channels only (2 per grate). Mounts inside channel drain and secures grate. Screw and nut included. *Produced under license of First Plast S.R.L. - Italy.					
840	12" x 20" Shallow Profile Channel Drain	Light Gray	1	4.00	25IN	12" wide Shallow Profile UV-protected high-impact PVC Channel Drain with mechanical interlocking joints.
	Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" in traffic applications.					
841	12" Shallow Profile End Cap/End Outlet Knockout with 4" S&D Hub*	Light Gray	1	1.00	25IN	12" wide Shallow Profile high-impact PVC End Cap/Outlet with adapter.
	*Produced under license of First Plast S.R.L. - Italy.					
843	12" x 20" Deep Profile Channel Drain*	Light Gray	1	6.00	25IN	12" wide Deep Profile UV-protected high-impact PVC Channel Drain with mechanical interlocking joints.
	Grate should be recessed 1/8" below finish grade in non-traffic applications. Grate should be recessed 1/4" in traffic applications. *Produced under license of First Plast S.R.L. - Italy.					
844	12" Deep Profile End Cap/End Outlet Knockout with 4" S&D Hub*	Light Gray	1	1.60	25IN	12" wide Deep Profile high-impact PVC End Cap/Outlet with adapter.
	*Produced under license of First Plast S.R.L. - Italy.					

## Channel Drains

### Dura Slope® Channel Drain Sections

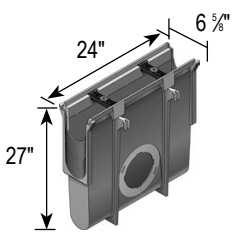


Part No.	Description	Slope	Invert		Material	Weight Ea. (lbs.)	Unit	Product Class
			In	Out				
DS-091	6 in. W x 4 ft. L	0.7% SLOPED	4.75	5.08	HDPE	7.5	1	25DS
DS-091N	6 in. W x 4 ft. L	0.0% NEUTRAL	5.08	5.08	HDPE	7.8	1	25DS
DS-092	6 in. W x 4 ft. L	0.7% SLOPED	5.08	5.42	HDPE	7.9	1	25DS
DS-093	6 in. W x 4 ft. L	0.7% SLOPED	5.42	5.76	HDPE	8.3	1	25DS
DS-094	6 in. W x 4 ft. L	0.7% SLOPED	5.76	6.09	HDPE	8.6	1	25DS
DS-094N	6 in. W x 4 ft. L	0.0% NEUTRAL	6.09	6.09	HDPE	8.9	1	25DS
DS-095	6 in. W x 4 ft. L	0.7% SLOPED	6.09	6.43	HDPE	9	1	25DS
DS-096	6 in. W x 4 ft. L	0.7% SLOPED	6.43	6.76	HDPE	9.4	1	25DS
DS-097	6 in. W x 4 ft. L	0.7% SLOPED	6.76	7.1	HDPE	9.7	1	25DS
DS-097N	6 in. W x 4 ft. L	0.0% NEUTRAL	7.1	7.1	HDPE	10	1	25DS
DS-098	6 in. W x 4 ft. L	0.7% SLOPED	7.1	7.44	HDPE	10.1	1	25DS
DS-099	6 in. W x 4 ft. L	0.7% SLOPED	7.44	7.77	HDPE	10.5	1	25DS
DS-100	6 in. W x 4 ft. L	0.7% SLOPED	7.77	8.11	HDPE	10.9	1	25DS
DS-100N	6 in. W x 4 ft. L	0.0% NEUTRAL	8.11	8.11	HDPE	11.2	1	25DS
DS-101	6 in. W x 4 ft. L	0.7% SLOPED	8.11	8.44	HDPE	11.2	1	25DS
DS-102	6 in. W x 4 ft. L	0.7% SLOPED	8.44	8.78	HDPE	11.6	1	25DS
DS-103	6 in. W x 4 ft. L	0.7% SLOPED	8.78	9.12	HDPE	12	1	25DS
DS-103N	6 in. W x 4 ft. L	0.0% NEUTRAL	9.12	9.12	HDPE	12.3	1	25DS
DS-104	6 in. W x 4 ft. L	0.7% SLOPED	9.12	9.45	HDPE	12.3	1	25DS
DS-105	6 in. W x 4 ft. L	0.7% SLOPED	9.45	9.79	HDPE	12.7	1	25DS
DS-106	6 in. W x 4 ft. L	0.7% SLOPED	9.79	10.12	HDPE	13.1	1	25DS
DS-106N	6 in. W x 4 ft. L	0.0% NEUTRAL	10.12	10.12	HDPE	13.4	1	25DS
DS-107	6 in. W x 4 ft. L	0.7% SLOPED	10.12	10.46	HDPE	13.4	1	25DS
DS-108	6 in. W x 4 ft. L	0.7% SLOPED	10.46	10.8	HDPE	13.8	1	25DS
DS-109	6 in. W x 4 ft. L	0.7% SLOPED	10.8	11.13	HDPE	14.2	1	25DS
DS-109N	6 in. W x 4 ft. L	0.0% NEUTRAL	11.13	11.13	HDPE	14.5	1	25DS
DS-110	6 in. W x 4 ft. L	0.7% SLOPED	11.13	11.47	HDPE	14.6	1	25DS
DS-111	6 in. W x 4 ft. L	0.7% SLOPED	11.47	11.8	HDPE	15	1	25DS
DS-112	6 in. W x 4 ft. L	0.7% SLOPED	11.8	12.14	HDPE	15.3	1	25DS
DS-112N	6 in. W x 4 ft. L	0.0% NEUTRAL	12.14	12.14	HDPE	15.6	1	25DS
DS-113	6 in. W x 4 ft. L	0.7% SLOPED	12.14	12.48	HDPE	15.7	1	25DS
DS-114	6 in. W x 4 ft. L	0.7% SLOPED	12.48	12.81	HDPE	16.1	1	25DS



## Dura Slope® In-Line Catch Basin

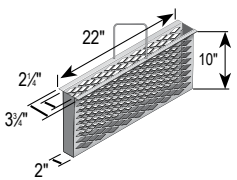
The NDS Dura Slope® in-line catch basin is designed to fit all depth ranges of the Dura Slope® trench drain sections. Catch basin inlets are designed to be sized as required to accept the Dura Slope® trench drain section. The Dura Slope® catch basin is 2 feet long and 2 feet deep with an outlet on both sides of the basin. One Universal Adapter Plug, one blank grate insert and two grate screws are included with each Dura Slope® in-line catch basin. The NDS universal basin outlets are used to adapt the catch basin to 3", 4", 6" and 8" pipe.



Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class
DS-340	Dura Slope® In-Line Catch Basins	Light Gray	1	16.00	25DS
Available for use of one or two outlets. Use #1243, #1245, #1266, #1206 or #1888 Universal Outlets, see page 18.					

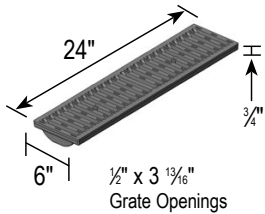
## Dura Slope® Trash Bucket


Dura Slope® Trash Bucket is made to fit inside the Dura Slope® Catch Basin (part number DS-340). It has a handle for easy removal to clean leaves and debris; it requires removal of the grate. Made of zinc plated steel, it is durable to climatic conditions. The Trash Bucket is not intended for use with any of the Dura Slope® Channels.  
**Note:** DS-240 Trash Bucket is not for use with the DS-200H Ductile Iron Frame.

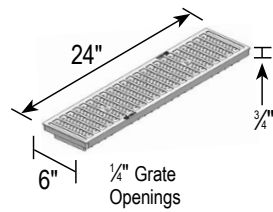



Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class
DS-240	Dura Slope® Trash Bucket	Steel Zinc-Plated Steel	1	5.00	25DS

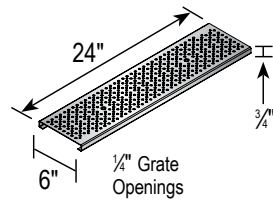
## Dura Slope® Standard Grates




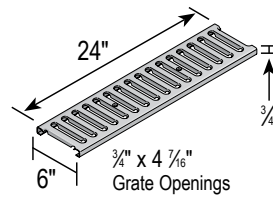
Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specifications
660	2 ft. Channel Grate	White	1	2.82	25DS	2 ft. Structural Foam Polyolefin, secured Channel Grate with UV inhibitor. Open surface area 25.40 square inches per foot. 77.70 GPM per foot.
661	2 ft. Channel Grate	Dark Gray	1	2.82	25DS	
661LG	2 ft. Channel Grate	Light Gray	1	2.82	25DS	
662	2 ft. Channel Grate	Green	1	2.82	25DS	
663	2 ft. Channel Grate	Black	1	2.82	25DS	
664	2 ft. Channel Grate	Sand	1	2.82	25DS	
665	2 ft. Channel Grate	Brick Red	1	2.82	25DS	
	Use with Dura Slope Drains (page 54), Dura Slope Catch Basins (page 55). ADA Compliant, see page 71.					




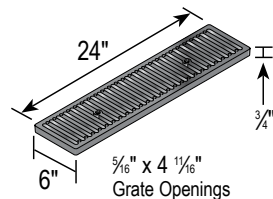
DS-670	2 ft. Plastic Perforated Channel Grate	Light Gray	1	2.81	25DS	2 ft. Structural Foam Polyolefin, secured Channel Grate with UV inhibitor, light traffic rated, heelproof, ADA compliant. Open surface area 8.75 square inches per foot. 26.77 GPM per foot.
DS-671	2 ft. Plastic Perforated Channel Grate	White	1	2.81	25DS	
	Use with Dura Slope Drains (page 54), Dura Slope Catch Basins (page 55). ADA Compliant, see page 71.					



DS-226	2 ft. Stainless Steel Perforated Channel Grate	Steel	1	3.16	25DS	Perforated Metal Grate, pedestrian traffic rated, heelproof, ADA compliant. Open surface area 7.63 square inches per foot. 23.34 GPM per foot.
DS-228	2 ft. Galvanized Steel Perforated Channel Grate	Steel	1	3.83	25DS	
	Use with Dura Slope Drains (page 54), Dura Slope Catch Basins (page 55). ADA Compliant/Heelproof, see page 71. SS 304 (grade of material).					

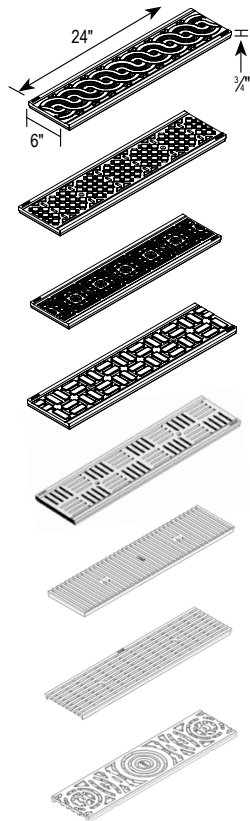


DS-221	2 ft. Galvanized Steel Channel Grate	Steel	1	6.64	25DS	Open surface area 23.09 square inches per foot; 70.64 GPM
DS-231	2 ft. Cast Iron Channel Grate*	Black	1	18.90	25DS	2 ft. heavy-duty Iron Channel Grate. Open surface area 20.85 square inches per foot. 63.78 GPM per foot. H-20 load rating.
DS-232	2 ft. Ductile Iron	Black	1	15.20	25DS	
<div></div> Use with Dura Slope Drains (page 54), Dura Slope Catch Basins (page 55). ADA Compliant, see page 71. Must be used with DS-200H to achieve Class D Load Rating. *coated black for shipping						



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## Dura Slope® Decorative Grates



Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class	Specifications
DS-601	Weave Pattern	Cast Iron	1	11.70	25DS	Weave: open area 7.92 square inches per foot; 24.3 GPM.
DS-602	Diamond Pattern	Cast Iron	1	14.30	25DS	Diamond: open area 9.25 square inches per foot; 28.3 GPM.
DS-603	Tile Pattern	Cast Iron	1	14.70	25DS	Tile: open area 11.93 square inches per foot; 33.6 GPM.
DS-604	Brick Pattern	Cast Iron	1	14.30	25DS	Brick: open area 9.72 square inches per foot; 29.8 GPM.
DS-609	Deco Slot	Cast Iron	1	11.70	25DS	Deco Slot: open area 17.46 square inches per foot; 53.5 GPM
DS-610-KIARO	Kiara Slot	Ductile Iron*	1	14.99	25DS	Kiara Slot: open area 24.57 square inches per foot; 75.8 GPM
DS-611-VIA	Via Slot	Ductile Iron*	1	10.36	25DS	Via Slot: open area 22.9 square inches per foot; 70.1 GPM
DS-612-VILLE	Ville Pattern	Ductile Iron*	1	11.68	25DS	Ville: open area 10.07 square inches per foot; 30.9 GPM
		Use with Dura Slope Drains (page 54). Decorative grates are made of ductile iron. Uncoated raw iron will develop a rust patina over time. ADA Compliant/ Heel-proof. Must be used with DS-200H frame to achieve Class D Load Rating, see page 71. *Coated black for shipping				

## Dura Slope® Slot Top



Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specifications
DS-ST4	4 ft. Slot Top, Galvanized Steel Grate	Galvanized Steel	1	17.53	25DS	Open area 5.76 square inches per linear foot; 17.65 GPM
DS-ST2	2 ft. Slot Top, Galvanized Steel Grate	Galvanized Steel	1	8.86	25DS	
DS-STMAINT	2 ft. Slot Top Maintenance Unit	Galvanized Steel	1	14.86	25DS	
DS-SS-ST1000	48 in. Slot Top, Asymmetric, Stainless Steel	Stainless Steel	1	17.13	25DS	
DS-SS-ST500	24 in. Slot Top, Asymmetric, Stainless Steel	Stainless Steel	1	8.86	25DS	
DS-SS-STMAINT	24 in. Maintenance Unit Stainless Steel	Stainless Steel	1	14.86	25DS	
13399	Opening Tool for Maintenance Unit (order 2)	N/A	1	0.02	25FC	

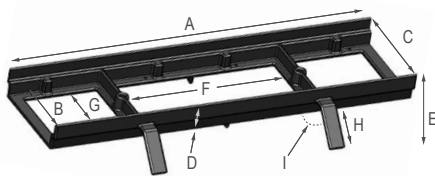
SS 304 (grade of material)

## Ductile Iron Frame

Dura Slope® Ductile Iron Frame provides a Class D load rating of 326-575 psi and is suitable for heavy-duty hard tire equipment at speeds less than 20 mph. The DS-200H Ductile Iron Frame is recommended for use with pneumatic tire traffic such as fork lifts. The ductile iron frame can be used with the cast and ductile iron grates. **Note:** DS-123 screws must be ordered to secure frame to the channel.



Use with Dura Slope Drains (page 54), Dura Slope Catch Basins (page 55).  
To be used with DS-231 or DS-232 grates (see page 560. New Feature: 1/4" Brass Nuts to secure channel inserted.  
ADA Compliant/Heel-proof (see page 71) when used with DS-231 or DS-232 grates.  
\*Coated black for shipping



Iron Frame Dimension Key

A	Length	24"	F	Opening Length	10-3/4"
B	Inner Width	6"	G	Opening Width	4-1/2"
C	Outer Width	6-3/8"	H	Length of Anchor	2-5/8"
D	Added Profile	1" Height	I	Angle of Anchor	30°
E	Total Height	2-3/4"			

## Dura Slope® Accessories



2 1/4"



Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class
DS-122	ProFit™ Grate Lock	Black	8	0.17	25DS
DS-123	Dura Slope Frame & End Cap Screws PH. #6	Stainless Steel	12		25DS
	REPLACEMENT- included with channels and basin. Use on DS-229 Universal End Cap & DS-227 x 3/4". Universal End Outlet downstream for (male) end. Use to attach DS-200 DI Frame to Channel.				
DS-224	Universal End Cap	Gray	8	0.63	25DS
	Replaces DS-124, which will not work with DS-113 or deeper channels. Slides into upstream (female) end. Requires DS-123 screws on downstream (male) end.				
DS-227	Universal End Outlet	Gray	6	0.75	25DS
	Replaces DS-127, which will not work with DS-113 or deeper channels. Requires DS-123 screws for use on downstream (male) end. Fits to 4" S&D Pipe.				
DS-126	Bottom Outlet Adapter	Gray	6	0.53	25DS
	Fits to 4" S&D Pipe. DS-126 not required for Sch. 40 connection. DS-126 not required for Sch. 4 in. 40 connection.				
629	Grate Screws FH # 1/4 – 20 x 1-1/2"	Stainless Steel	40	2.8 (pk. of 20)	25PF
	2 Needed per Grate. Use with Grate # DS-231, DS-232, DS-670, DS-226 and 660-665.				
DS-650	Flat Drilled Spanner End Cap Screws #6, 3/4"	Stainless Steel	12	.60 (pk. 60)	25DS
	Drill bit included with each package.				



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## Dura Slope® EZ-Track™ Radius Coupling & Grates



Part No.	Description	Color	Pkg. Qty.	Weight Ea. (lbs.)	Product Class	Specificationa
DSRC-097	6.35" Deep Neutral Dura Slope® Radius Coupling	Light Gray	6	0.81	25DS	3 degree max. deflection per coupling. Minimum inside radius of 26".
DSRC-100	7.36" Deep Neutral Dura Slope® Radius Coupling	Light Gray	6	0.82	25DS	
DSRC-103	8.37" Deep Neutral Dura Slope® Radius Coupling	Light Gray	6	0.83	25DS	
DSRC-106	9.37" Deep Neutral Dura Slope® Radius Coupling	Light Gray	6	0.84	25DS	
DSRC	Dura Slope® Radius Coupling	Light Gray	6	1.13	25DS	
DSRC can be trimmed to fit any depth channel and is compatible with sloped channels						

DS-660MG	1.25" Plastic Slotted Radius Coupling Grate	White	6	0.15	25DS	Structural Foam Polyolefin Radius Coupling Channel Grate with UV inhibitor. Open surface area 1.88 square inches per grate. 5.75 GPM per grate.
DS-661MG	1.25" Plastic Slotted Radius Coupling Grate	Dark Gray	6	0.15	25DS	
DS-661LGMG	1.25" Plastic Slotted Radius Coupling Grate	Light Gray	6	0.15	25DS	
DS-662MG	1.25" Plastic Slotted Radius Coupling Grate	Green	6	0.15	25DS	
DS-663MG	1.25" Plastic Slotted Radius Coupling Grate	Black	6	0.15	25DS	
DS-664MG	1.25" Plastic Slotted Radius Coupling Grate	Sand	6	0.15	25DS	

DS-681LGMG	1.25" Plastic Standard Radius Coupling Grate (no slot) (included with DSRC Coupling)	Light Gray	6	0.16	25DS	Solid Structural Foam Polyolefin Radius Coupling Channel Grate with UV inhibitor.
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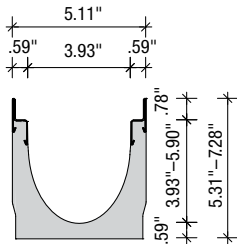
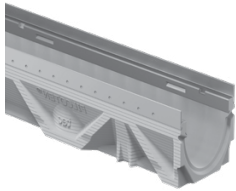
DS-232MG	1.25" Ductile Iron Radius Coupling Grate	Black	6	0.93	25DS	Ductile Iron Radius Coupling Channel Grate. Open surface area 1.88 square inches per grate. 5.75 GPM per grate.
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DS-226MG	1.25" Perforated Stainless Steel Radius Coupling Grate	Steel	6	0.25	25DS	Stainless Steel Radius Coupling Channel Grate. Open surface area 0.86 square inches per grate. 2.63 GPM per grate.
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## Trench Drains

### 4" BG-FILCOTEN® tec V 100 Trench Drains, galvanized rails

BG-FILCOTEN tec v 100 trench drain system is available with galvanized rails in pre-slope and neutral sections with load ratings from Class A to E 600 (in accordance to DIN 19580). Stainless steel rails and grates are also available.



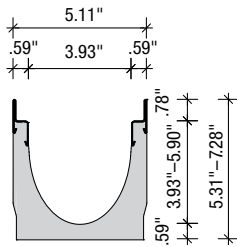
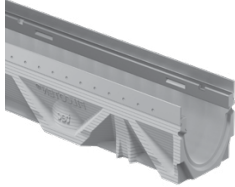
Part No.	Description	Slope	Depth	Invert		Rail	Weight (Less Grate)		Unit	Class
				In	Out		Lbs.	Kg.		
10410200	tec V 100 (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	0-0	4.72	4.72	Galv.	28.7	13	1	25FC
10410201	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	1	4.72	4.92	Galv.	29.5	13.4	1	25FC
10410202	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	2	4.92	5.12	Galv.	31.1	14.1	1	25FC
10410203	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	3	5.12	5.31	Galv.	32.6	14.8	1	25FC
10410204	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	4	5.31	5.51	Galv.	34	15.4	1	25FC
10410205	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	5	5.51	5.71	Galv.	35.1	15.9	1	25FC
10410261	tec V 100 (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	5-0	5.71	5.71	Galv.	35.5	16.1	1	25FC
10410206	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	6	5.71	5.91	Galv.	36.2	16.4	1	25FC
10410207	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	7	5.91	6.1	Galv.	37	16.8	1	25FC
10410208	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	8	6.1	6.3	Galv.	38.4	17.4	1	25FC
10410209	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	9	6.3	6.5	Galv.	39.7	18	1	25FC
10410210	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	10	6.5	6.69	Galv.	40.8	18.5	1	25FC
10410262	tec V 100 (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	10-0	6.69	6.69	Galv.	41.2	18.7	1	25FC
10410211	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	11	6.69	6.89	Galv.	41.9	19	1	25FC
10410212	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	12	6.89	7.09	Galv.	44.8	20.3	1	25FC
10410213	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	13	7.09	7.28	Galv.	47.6	21.6	1	25FC
10410214	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	14	7.28	7.48	Galv.	50.5	22.9	1	25FC
10410215	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	15	7.48	7.68	Galv.	53.4	24.2	1	25FC
10410216	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	16	7.68	7.87	Galv.	55.6	25.5	1	25FC
10410217	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	17	7.87	8.07	Galv.	59.1	26.8	1	25FC
10410218	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	18	8.07	8.27	Galv.	62	28.1	1	25FC
10410219	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	19	8.27	8.46	Galv.	64.8	29.4	1	25FC
10410220	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	20	8.46	8.66	Galv.	67.7	30.7	1	25FC
10410264	tec V 100 (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	20-0	8.66	8.66	Galv.	69.9	31.7	1	25FC

#### Filcoten Channel Mini

10510200	Mini (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	60 mm	1.37	1.37	Galv.	20.06	9.1	1	25FC
10510201	Mini (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	80 mm	2.16	2.16	Galv.	23.59	10.7	1	25FC

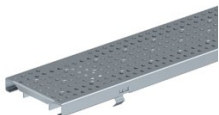
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














## 4" BG-FILCOTEN® tec V 100 Trench Drains, stainless steel rails



Part No.	Description	Slope	Depth	Invert		Rail	Weight (Less Grate)		Unit	Class
				In	Out		Lbs.	Kg.		
10410300	tec V 100 (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	0-0	4.72	4.72	St. Steel	28.7	13	1	25FC
10410301	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	1	4.72	4.92	St. Steel	29.5	13.4	1	25FC
10410302	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	2	4.92	5.12	St. Steel	31.1	14.1	1	25FC
10410303	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	3	5.12	5.31	St. Steel	32.6	14.8	1	25FC
10410304	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	4	5.31	5.51	St. Steel	34	15.4	1	25FC
10410305	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	5	5.51	5.71	St. Steel	35.1	15.9	1	25FC
10410361	tec V 100 (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	5-0	5.71	5.71	St. Steel	35.5	16.1	1	25FC
10410306	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	6	5.71	5.91	St. Steel	36.2	16.4	1	25FC
10410307	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	7	5.91	6.1	St. Steel	37	16.8	1	25FC
10410308	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	8	6.1	6.3	St. Steel	38.4	17.4	1	25FC
10410309	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	9	6.3	6.5	St. Steel	39.7	18	1	25FC
10410310	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	10	6.5	6.69	St. Steel	40.8	18.5	1	25FC
10410362	tec V 100 (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	10-0	6.69	6.69	St. Steel	41.2	18.7	1	25FC
10410311	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	11	6.69	6.89	St. Steel	41.9	19	1	25FC
10410312	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	12	6.89	7.09	St. Steel	44.8	20.3	1	25FC
10410313	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	13	7.09	7.28	St. Steel	47.6	21.6	1	25FC
10410314	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	14	7.28	7.48	St. Steel	50.5	22.9	1	25FC
10410315	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	15	7.48	7.68	St. Steel	53.4	24.2	1	25FC
10410316	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	16	7.68	7.87	St. Steel	55.6	25.5	1	25FC
10410317	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	17	7.87	8.07	St. Steel	59.1	26.8	1	25FC
10410318	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	18	8.07	8.27	St. Steel	62	28.1	1	25FC
10410319	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	19	8.27	8.46	St. Steel	64.8	29.4	1	25FC
10410320	tec V 100 (1 Meter) 4" W x 39.4" L	0.5% SLOPED	20	8.46	8.66	St. Steel	67.7	30.7	1	25FC
10410364	tec V 100 (1 Meter) 4" W x 39.4" L	0.0% NEUTRAL	20-0	8.66	8.66	St. Steel	69.9	31.7	1	25FC

## 4" BG-FILCOTEN® tec V 100 Grates



Part No.	Description	Grate Type	Length	Heel Proof	ADA	Load Class
17010204	NW100 4" Grate	Galv. Perf.	1 Meter			A
17010205	NW100 4" Grate	Galv. Perf.	0.5 Meter			A
17010202	NW100 4" Grate	Galv. Slotted	1 Meter			A
17010203	NW100 4" Grate	Galv. Slotted	0.5 Meter			A
17010220	NW100 4" Grate	Galv. Mesh	1 Meter			B
17010221	NW100 4" Grate	Galv. Mesh	0.5 Meter			B
17010330	NW100 4" Grate	Stainless Long Bar	1 Meter			B
17010401	NW100 4" Grate	Combee Plastic	0.5 Meter			B
17010402	NW100 4" Grate	Combee Plastic	0.5 Meter			C
17010228	NW100 4" Grate	Galv. Perf.	1 Meter			C
17010229	NW100 4" Grate	Galv. Perf.	0.5 Meter			C
17010328	NW100 4" Grate	Stainless Perf	1 Meter			C
17010329	NW100 4" Grate	Stainless Perf	0.5 Meter			C
17010206	NW100 4" Grate	Galv. Slotted	1 Meter			C
17010207	NW100 4" Grate	Galv. Slotted	0.5 Meter			C

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## 4" BG-FILCOTEN® tec V 100 Grates



Part No.	Description	Grate Type	Length	Heel Proof	ADA	Load Class
17111204	NW100 4" Grate	Galv. Slot Top	1 Meter			C
17111205	NW100 4" Grate	Galv. Slot Top	0.5 Meter			C
17111206	NW100 4" Grate	Galv. Slot Maint	0.5 Meter			C
17111304	NW100 4" Grate	Stainless Slot Top	1 Meter			C
17111305	NW100 4" Grate	Stainless Slot Top	0.5 Meter			C
17111306	NW100 4" Grate	Stainless Slot Maint	0.5 Meter			C



17010106	NW100 4" Grate	Ductile Bar	0.5 Meter			C
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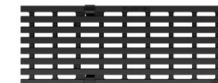
17010110	NW100 4" Grate	Ductile Bar	0.5 Meter			D
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17010187	NW100 4" Grate	Ductile Torrent	.5 Meter			D
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17010183	NW100 4" Grate	Ductile Kiaro Bar	0.5 Meter			D
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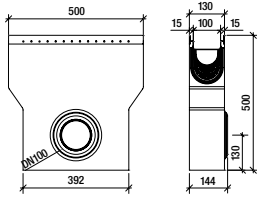
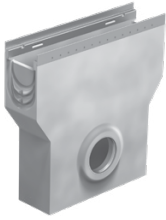
17010184	NW100 4" Grate	Ductile Via Long	0.5 Meter			D
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17010105	NW100 4" Grate	Ductile Bar	0.5 Meter			E
17010106	NW100 4" Grate	Ductile Bar	0.5 Meter			E
17010180	NW100 4" Grate	Ductile Ville	0.5 Meter			E

## 4" BG-FILCOTEN® tec V 100 Accessories

BG-FILCOTEN tec V 100  
Sump Unit



Part No.	Description	Material	Weight Ea. (lbs.)	Product Class
19011204	tec V 100 No Hub Bottom Outlet	Galvanized Steel	0.66	25FC
22515	tec V 100 Silt Bucket for Sump	Plastic	0.44	25FC
32087	tec V 100 Anti-Vandalism Locking Device	Stainless Steel	0.22	25FC
19011204	tec V 100 Bottom Outlet	Galvanized Steel	0.66	25FC
19010400	tec V 100 End Cap Blank w/Knockout Outlet	Plastic		25FC
19010902	tec V 100 Rebar Support	Galvanized Steel	2.7	25FC
13399	Maintenance Box Opening Tool	N/A	0.22	25FC
10410294	tec V 100 Sump Kit	N/A	26.55	25FC

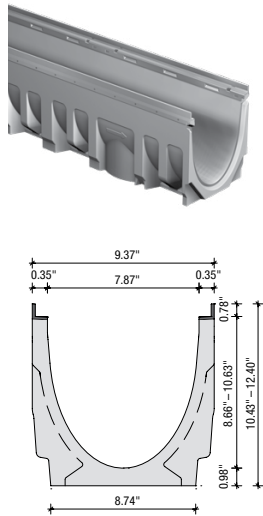


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## 8" BG-FILCOTEN® pro V 200 Trench Drains

BG-FILCOTEN pro V 200 is stable, yet lightweight, so you don't have to compromise on quality or durability. It is available with galvanized rails in neutral and sloped sections and up to load class E 600 (according to EN1433). Stainless steel rails and grates are also available.

BG-FILCOTEN pro V 200  
Galvanized Steel Trench Drain







Part No.	Description	Slope	Depth	Invert		Rail	Weight (Less Grate)		Unit	Class
				In	Out		Lbs.	Kg.		
10620200	pro V 200 (1 Meter) 8" W x 39.4" L	0.0% NEUTRAL	0-0	9.45	9.45	Galv.	97	44	1	25FC
10620201	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	1	9.45	9.65	Galv.	98.1	44.5	1	25FC
10620202	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	2	9.65	9.84	Galv.	100.3	45.5	1	25FC
10620203	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	3	9.84	10.04	Galv.	102.5	46.5	1	25FC
10620204	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	4	10.04	10.24	Galv.	104.9	45.6	1	25FC
10620205	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	5	10.24	10.44	Galv.	107.1	48.6	1	25FC
10620261	pro V 200 (1 Meter) 8" W x 39.4" L	0.0% NEUTRAL	5-0	10.44	10.44	Galv.	108.7	49.3	1	25FC
10620206	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	6	10.44	10.63	Galv.	109.6	49.7	1	25FC
10620207	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	7	10.63	10.83	Galv.	111.8	50.7	1	25FC
10620208	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	8	10.83	11.02	Galv.	114.2	51.8	1	25FC
10620209	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	9	11.02	11.22	Galv.	116.4	52.8	1	25FC
10620210	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	10	11.22	11.42	Galv.	118.8	53.9	1	25FC
10620262	pro V 200 (1 Meter) 8" W x 39.4" L	0.0% NEUTRAL	10-0	11.42	11.42	Galv.	119.7	54.3	1	25FC
10620211	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	11	11.42	11.61	Galv.	120.6	54.7	1	25FC
10620212	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	12	11.61	11.81	Galv.	122.6	55.6	1	25FC
10620213	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	13	11.81	12.01	Galv.	124.3	56.4	1	25FC
10620214	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	14	12.01	12.2	Galv.	126.3	57.3	1	25FC
10620215	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	15	12.2	12.4	Galv.	128.1	58.1	1	25FC
10620216	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	16	12.4	12.6	Galv.	130.1	59	1	25FC
10620217	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	17	12.6	12.8	Galv.	131.8	59.8	1	25FC
10620218	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	18	12.8	12.99	Galv.	183.8	60.7	1	25FC
10620219	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	19	12.99	13.19	Galv.	138.6	61.5	1	25FC
10620220	pro V 200 (1 Meter) 8" W x 39.4" L	0.5% SLOPED	20	13.19	13.38	Galv.	137.4	62.3	1	25FC
10620264	pro V 200 (1 Meter) 8" W x 39.4" L	0.0% NEUTRAL	20-0	13.38	13.38	Galv.	138.2	62.7	1	25FC

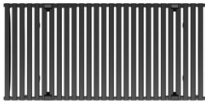
### Filcoten Channel Mini

10520202	Mini (1 Meter) 8" W x 39.4" L	0.0% NEUTRAL	100 mm	3.04	3.04	Galv.	45.42	20.6	1	25FC
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## 8" BG-FILCOTEN® pro V 200 Grates



Part No.	Description	Grate Type	Length	Heel Proof	ADA	Load Class
17020228	NW200 8" Grate	Galv. Perf.	1.0 Meter			C
17020229	NW200 8" Grate	Galv. Perf.	0.5 Meter			C





17020183	NW200 8" Grate	Ductile Kiaro Bar	0.5 Meter			D
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17020184	NW200 8" Grate	Ductile Via Long	0.5 Meter			D
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17020104	NW200 8" Grate	Ductile Bar	0.5 Meter			D
17020105	NW200 8" Grate	Ductile Bar	0.5 Meter			E

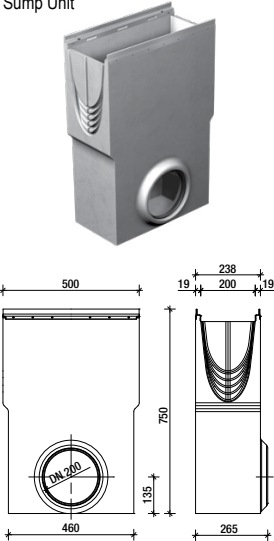


17010183	NW200 8" Grate	Ductile Ville	0.5 Meter			E
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We put water in its place™

8" BG-FILCOTEN® pro V 200 Accessories

BG-FILCOTEN pro V 200  
Sump Unit

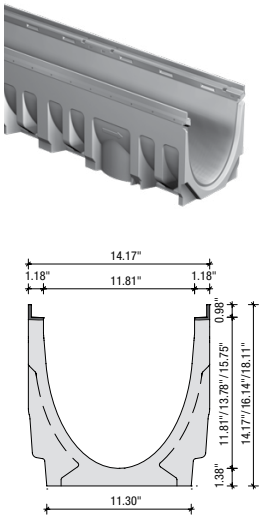


Part No.	Description	Material	Weight Ea. (lbs.)	Product Class
22512	pro V 200 Silt Bucket for Sump	Plastic	1.54	25FC
32089	pro V 200 Grate Vandal-Proof Device	Stainless Steel	0.22	25FC
70154	pro V 200 8" Pipe Connector for Catch Basin	Plastic	2.43	25FC
19020215	pro V 200 Closed End Cap	Galvanized Steel	0.88	25FC
19020216	pro V 200 End Cap with Outlet	Galvanized Steel	1.10	25FC
19020295	pro V 200 Step Connector Plate	Galvanized Steel	0.44	25FC
19020902	pro V 200 No Hub Bottom Outlet	Galvanized Steel	2.20	25FC
19020902	pro V 200 Rebar Support	Galvanized Steel	1.8	25FC
19021208	pro V 200 No Hub Bottom Outlet	Galvanized Steel	2.2	25FC
10620292	pro V 200 Catch Basin includes 10620290 catch basin and 22512 Sediment Bucket	Galvanized Rail	180.0	25FC

## 12" BG-FILCOTEN® pro V 300 Trench Drains

BG-FILCOTEN pro V 300 is ideal for large capacity water management. Available with a galvanized rail in both pre-sloped and neutra sections and up to load class E 600 (according to EN1433) Stainless steel rails and grates are also available.

Pro V 300 Galvanized Steel Trench Drain

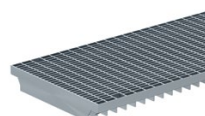


Part No.	Description	Slope	Depth	Invert		Rail	Weight (Less Grate)		Unit	Class
				In	Out		Lbs.	Kg.		
10630200	pro V 300 (1 Meter) 12" W x 39.4" L	0.0% NEUTRAL	0	12.79	12.79	Galv.	166.7	75.6	1	25FC
10630201	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	1	12.79	12.99	Galv.	168.2	76.3	1	25FC
10630202	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	2	12.99	13.19	Galv.	171.1	77.6	1	25FC
10630203	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	3	13.19	13.38	Galv.	173.9	78.9	1	25FC
10630204	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	4	13.38	13.58	Galv.	176.8	80.2	1	25FC
10630205	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	5	13.58	13.78	Galv.	179.7	81.5	1	25FC
10630261	pro V 300 (1 Meter) 12" W x 39.4" L	0.0% NEUTRAL	5-0	13.78	13.78	Galv.	181	82.1	1	25FC
10630206	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	6	13.78	13.98	Galv.	182.5	82.8	1	25FC
10630207	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	7	13.98	14.17	Galv.	185.4	84.1	1	25FC
10630208	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	8	14.17	14.37	Galv.	188.3	85.4	1	25FC
10630209	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	9	14.37	14.57	Galv.	191.1	86.7	1	25FC
10630210	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	10	14.57	14.76	Galv.	194	88	1	25FC
10630262	pro V 300 (1 Meter) 12" W x 39.4" L	0.0% NEUTRAL	10-0	14.76	14.76	Galv.	195.3	88.6	1	25FC
10630211	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	11	14.76	14.96	Galv.	196.7	89.2	1	25FC
10630212	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	12	14.96	15.16	Galv.	201.3	91.3	1	25FC
10630213	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	13	15.16	15.35	Galv.	206.1	93.5	1	25FC
10630214	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	14	15.35	15.55	Galv.	210.8	95.6	1	25FC
10630215	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	15	15.55	15.75	Galv.	215.4	97.7	1	25FC
10630216	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	16	15.75	15.94	Galv.	220.2	99.9	1	25FC
10630217	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	17	15.94	16.14	Galv.	224.9	102	1	25FC
10630218	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	18	16.14	16.34	Galv.	229.5	104.1	1	25FC
10630219	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	19	16.34	16.54	Galv.	234.1	106.2	1	25FC
10630220	pro V 300 (1 Meter) 12" W x 39.4" L	0.5% SLOPED	20	16.54	16.73	Galv.	240	108.4	1	25FC
10630264	pro V 300 (1 Meter) 12" W x 39.4" L	0.0% NEUTRAL	20-0	16.73	16.73	Galv.	240.3	109	1	25FC

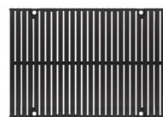
### Filcoten Channel Mini

10530200	Mini (1 Meter) 12" W x 39.4" L	0.0% NEUTRAL	100 mm	3.82	3.82	Galv.	83.5	37.9	1	25FC
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12" BG-FILCOTEN® pro V 300 Grates



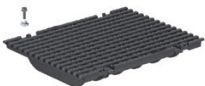
Part No.	Description	Grate Type	Length	Heel Proof	ADA	Load Class
17030222	NW300 12" Grate	Galv. Mesh	1 Meter			C
17030223	NW300 12" Grate	Galv. Mesh	0.5 Meter			C



17030183	NW300 12" Grate	Ductile Kiaro Bar	0.5 Meter			D
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17030184	NW300 12" Grate	Ductile Via Long	0.5 Meter			D
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17030103	NW300 12" Grate	Longitudinal Bar	0.5 Meter			E
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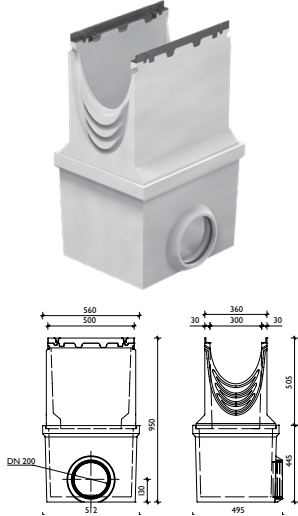


17030180	NW300 12" Grate	Ductile Ville	0.5 Meter			E
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All 12" grates will accept bolts, sold separately. See Accessories, page 70.

## 12" BG-FILCOTEN® pro V 300 Accessories

BG-FILCOTEN pro V 300  
Sump Kit with Silt Bucket



Part No.	Description	Material	Weight Ea. (lbs.)	Product Class
22213	pro V 300 Silt Bucket for Sump	Galvanized Steel	7.05	25FC
32110	pro V 300 Bolt and Nut for Locking Required for cast iron and ductile iron grates (4 per grate).	Galvanized Steel	0.22	25FC
19030213	pro V 300 Closed End Cap	Galvanized Steel	3.75	25FC
19030214	pro V 300 End Cap with Outlet	Galvanized Steel	3.53	25FC
19030290	pro V 300 Catch Basin End Cap Connector	Galvanized Steel	0.66	25FC
19030295	pro V 300 Step Connector Plate	Galvanized Steel	0.88	25FC
10630292	pro V 300 Catch Basin includes 10630290 Catch Basin Body and 22213 Sediment Bucket	Galvanized Steel	273.37	25FC



## LOAD RECOMMENDATION GUIDE



### NDS Class A

- Loads of 1-60 psi.
- Recommended for pedestrians, bicycles and wheelchair traffic.



### NDS Class B

- Loads of 61-175 psi.
- Recommended for medium-duty pneumatic tire traffic, autos and light trucks at speeds less than 20 m.p.h.



### NDS Class C

- Loads of 176-325 psi.
- Recommended for heavy-duty pneumatic tire forklifts and tractor-trailers at speeds less than 20 m.p.h., H-20 rated.



### NDS Class D

- Loads of 326-575 psi.
- Recommended for heavy-duty hard tire forklifts at speeds less than 20 m.p.h., H-20 rated.

## BG-FILCOTEN® Load Recommendation Guide—According to EN1433 Standards



### Class A

- Max Design Load: 3,372 lbs.
- Bicyclists
- Pedestrians
- Planted Areas



### Class B

- Max Design Load: 28,100 lbs.
- Parking Lots
- Pedestrians
- Delivery Vehicles



### Class C

- Max Design Load: 56,200 lbs.
- Road Shoulders
- Curbs
- Parking Lots



### Class D

- Max Design Load: 89,920 lbs.
- Pedestrian Zones
- Roadways
- Parking Lots
- Pneumatic Tire Traffic



### Class E

- Max Design Load: 134,800 lbs.
- Military
- Industry
- High Wheel Loads

**Notes:** Some installations may require a concrete collar to meet load rating. Load ratings are based on encasing product in concrete. Product must be installed using NDS instructions.

Cast iron grates will oxidize over time and rust, forming an iron-oxide patina. The iron-oxide layer begins red-orange in color and ages to a deep, rich brown. This patina is tightly adhered and protects the iron beneath it from further oxidation. Iron grates with a rust patina are structurally sound and will last for decades.

Visit [ndspro.com/specifications](https://ndspro.com/specifications) for complete installation specifications, guidelines & details.

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240	45	552B	42	832	52	8462	39	9381	41
241	45	553PB	42	833	52	8463	39	9382	41
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252	45	660	56	847	53	8513	39	10410200	60
252CI	45	661	56	849	53	8601	39	10410201	60
252GY	45	661LG	56	861	50	8651	39	10410202	60
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For Channel Drains Technical Information, Refer to  
Technical Specification documents at [ndspro.com/specifications](https://ndspro.com/specifications)

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**Terms:** Standard terms are NET 30 days. All invoices are to be paid in US Currency. Title and risk of loss pass to buyer upon shipment.

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**Continental US:** Shipments that meet the \$2,000 prepaid freight minimum are DDP (Freight Prepaid). Shipments that do not meet the \$2,000 prepaid freight minimum are FCA NDS distribution center (Freight collect).

**Canada:** Shipments are CPT- Carriage Paid to customer's location in Canada. (Customer arranges customs clearance into Canada). No returns or refunds except for wrong or damaged product received.

**All other international shipments:** Shipments are FCA NDS distribution center. (Freight collect) All sales are final, no returns or refunds will be accepted/granted except for wrong product received.

**International, Hawaii, Alaska, or Puerto Rico** shipments delivered to a US intermediary (such as a freight forwarder or consolidator location in the continental US): Shipments are considered final upon receipt and checking at the US intermediary location

### **FREIGHT ALLOWANCE:**

Prepaid levels are based on shipments to one location only. It is the responsibility of the customer to determine if your purchase order meets the minimum freight allowance required. NDS reserves the right to select the carrier and point of shipment.

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Freight prepaid on orders of \$2,500 NET, or more.

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**Broken Box Charge:** A 25% broken box charge will be added for other than full box quantities. 21DI Drip Components, 25DS Dura Slope Channel and 25FC Filcoten Channel are excluded from this policy.

**Limited One Year Warranty:** The liabilities of NDS are limited solely and exclusively to replacement as set forth in our standard "Statement of Warranty", alone and do not include any liability for incidental, consequential or other damage of any kind whatsoever, whether any claim is based upon theories of contract, warranty, negligence or tort and without any limitations and do not include shipping charges, labor, installation or any other losses or expenses incurred in operation of any replacement specialty item or fitting. NDS drainage products are designed to be used for exterior surface drainage only.

All NDS products are guaranteed against defects resulting from faulty workmanship or materials. Claims for labor costs and other expenses required to replace defective products or repair of any damage resulting from the use thereof will not be allowed by NDS. Our liability is limited to replacement of products acknowledged by NDS to be defective.

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