

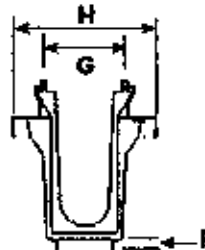
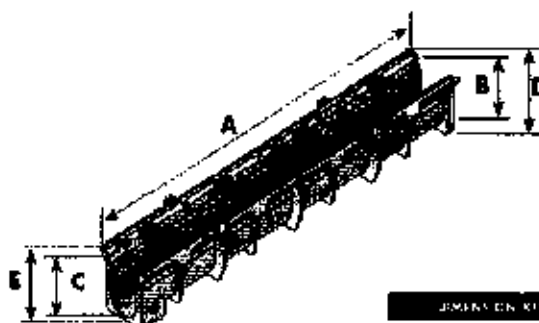


NDS
WE PUT WATER IN ITS PLACE

TECHNICAL SPECIFICATIONS

DURA SLOPE™ CHANNEL DRAINS

Specifications: NDS Dura Slope™ is a 6 1/2" wide, 48" long trench drain system with a built-in slope of 0.7%. Each channel section is molded of gray structural foam polyethylene with UV inhibitors and has a 4" inside diameter with a 2" radius bottom. The system consists of 4-foot channel sections including 24 pre-sloped channel sections and 9 neutral channel sections. The sloped channel sections enable the system to extend to a length of 96 feet with a continuous slope. Add neutral channels to extend the system run to an excess of 132 feet. By incorporating central collection through the use of the catch basin assembly, the Dura Slope™ trench drain system can be extended to lengths up to 286 feet. Dura Slope™ channels are designed with the pre-installed ProFit™ locking system, which maintains structural integrity during installation and locking devices for the grating. LevelLoc™ integral re-bar supports are located at 24" intervals along each side of the channel and contain an internal protruding knob designed to grip #3 or #4 re-bar (1/2" - 1") for easier channel height adjustment during installation. DuraLoc™ tongue and groove ends connect allowing for a precise fit and ensure straight channel runs, incorporating an integral snap-lock feature that prevents joint movement during channel installation. Each channel section is molded with a bottom outlet allowing for system versatility and ensuring proper drainage. Expansion joints must be provided parallel to each side of the drain run.



Lightweight & rigid structural surface
Center channeling and built-in bottom
Lower height options

2" radius bottom
Minimizes debris build-up

Permanently installed
Durable and long-lasting
Long life design means a complete
High structural performance

Stress relief on each channel corner
Specially designed
Prevents joint separation

0.7% built-in slope
Maintains system flow rate throughout system



DEFINITION KEY

- A: Length
- B: Max. Inset Depth
- C: Max. Inset Depth
- D: Max. Outer Depth
- E: Max. Outer Depth

COMMON DIMENSIONS FOR ALL CHANNEL SECTIONS

- F: Bottom Outer Depth: 9.63"
- G: Width: 6"
- H: Bottom Inset Width: 10.185"



PART NUMBER	LENGTH (IN)	FLOW RATE (GPM)	TYPE	A	B	C (DIMENSIONS IN INCHES)	D	E	PRODUCT CLASS
DS-0004	7.432	35	20	48"	3.035	3.935	5.394	6.769	2500
DS-001	7.624	35	20	48"	3.040	4.214	5.690	6.770	2500
DS-0012	7.612	35	20	48"	3.034	4.524	5.982	6.493	2500
DS-002	7.625	40	23	48"	3.234	4.876	6.408	6.498	2500
DS-003	8.390	100	30	48"	4.870	5.008	6.382	6.442	2500
DS-004	8.850	117	40	48"	5.005	5.242	6.480	6.770	2500
DS-005	9.000	121	40	48"	5.042	5.342	6.700	7.111	2500
DS-006	9.900	134	40	48"	5.302	5.678	7.004	7.111	2500
DS-008	9.300	146	50	48"	5.670	6.014	7.300	7.400	2500
DS-007	9.711	150	50	48"	6.014	6.330	7.300	7.396	2500
DS-007H	10.000	150	50	48"	6.300	6.590	7.300	7.396	2500
DS-008	10.000	150	50	48"	6.300	6.590	7.300	7.396	2500
DS-009	10.000	150	50	48"	6.300	6.590	7.300	7.396	2500
DS-010	10.000	150	50	48"	6.300	6.590	7.300	7.396	2500
DS-010H	10.000	150	50	48"	6.300	6.590	7.300	7.396	2500
DS-011	11.200	245	61	48"	7.000	7.300	8.200	8.400	2500
DS-012	11.500	270	62	48"	7.000	7.300	8.200	8.400	2500
DS-013	11.800	245	61	48"	7.000	7.300	8.200	8.400	2500
DS-014	12.000	257	62	48"	7.000	7.300	8.200	8.400	2500
DS-015	12.214	270	62	48"	7.000	7.300	8.200	8.400	2500
DS-016	12.500	296	67	48"	7.000	7.300	8.200	8.400	2500
DS-017	12.800	300	67	48"	7.000	7.300	8.200	8.400	2500
DS-018	13.000	312	68	48"	7.000	7.300	8.200	8.400	2500
DS-019	14.000	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-020	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-021	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-022	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-023	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-024	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-025	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-026	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-027	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-028	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-029	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-030	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-031	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-032	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-033	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-034	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-035	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-036	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-037	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-038	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-039	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-040	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-041	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-042	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-043	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-044	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-045	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-046	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-047	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-048	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-049	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500
DS-050	14.500	341	74	48"	7.000	7.300	8.200	8.400	2500



(317) 346-4110

www.drainagesolutionsinc.com

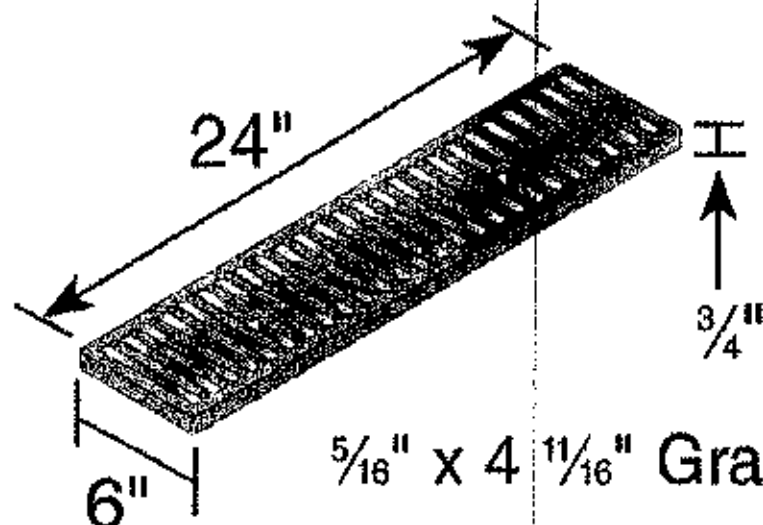
**DRAINAGE
SOLUTIONS, INC.**



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TECHNICAL SPECIFICATIONS

2 FT. METAL DURA SLOPE GRATE



$\frac{5}{16}$ " x $4 \frac{1}{16}$ " Grate Opening

Material: Cast Iron (DS-231), Ductile Iron (DS-232)

Color: Black

Weight: DS-231—15.90 lbs each

DS-232—15.20 lbs each

Fits: Use with Dura Slope Channel Drains and Dura Slope Catch Basin (DS-340)

Grate Opening: 20.85 in² per foot

Will accommodate 63.78 gallons
per minute per foot with 1/2"

Load Recommendation Guide



Class D

- Loads of 325-575 psi.
- Recommended for heavy-duty hard tire forklifts at speeds less than 20 m.p.h., H-20 rated.

Note: Grate installations may require a concrete cover to meet load rating. Loads are based on prevailing product standards. Product must be installed using NDS instructions.

ADA Compliance

NDS provides a wide selection of grates that are compliant with the Americans with Disabilities Act, The ADA Accessibility Guidelines For Buildings and Facilities Section 4.04 specifies that grates and floor plates "provide spaces no greater than 1/2 in (13 mm) wide in one direction."

We are pleased to provide grates that comply with the requirements, so that no individual need be hindered from accessing the area safely and confidently.

To see if a grate is ADA compliant, please check the description of the product in our NDS literature. Catalog products that meet these requirements are marked "ADA compliant."

Are you looking for more about ADA compliance and NDS? Send us your question and we'll be happy to help.



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