



ACO Infrastructure

MonoBloc

Sloped Monolithic Trench Drain
4" & 8" Internal Widths





The ACO Group

Founded in 1946, the ACO Group is a world leader in drainage technology. Climate change sets us a challenge to react effectively with innovative solutions to new environmental conditions. With its integrated approach, ACO provides systems for professional surface water drainage, efficient cleaning, and controlled discharge or reuse of water.

Products include:

- Surface water drainage
- Oil, sediment, heavy metal and grease separators
- Detention, retention and infiltration systems
- Flow control release products

Major innovative strengths of the ACO Group are its continuous research & development and technical expertise in the processing of polymer concrete, plastics, cast iron, stainless steel and cement concretes.



ACO in the USA

ACO, Inc. was founded in Ohio, 1978. Since then, continuous growth in the USA has seen the company expand and build manufacturing facilities in Mentor, OH, and Casa Grande, AZ.

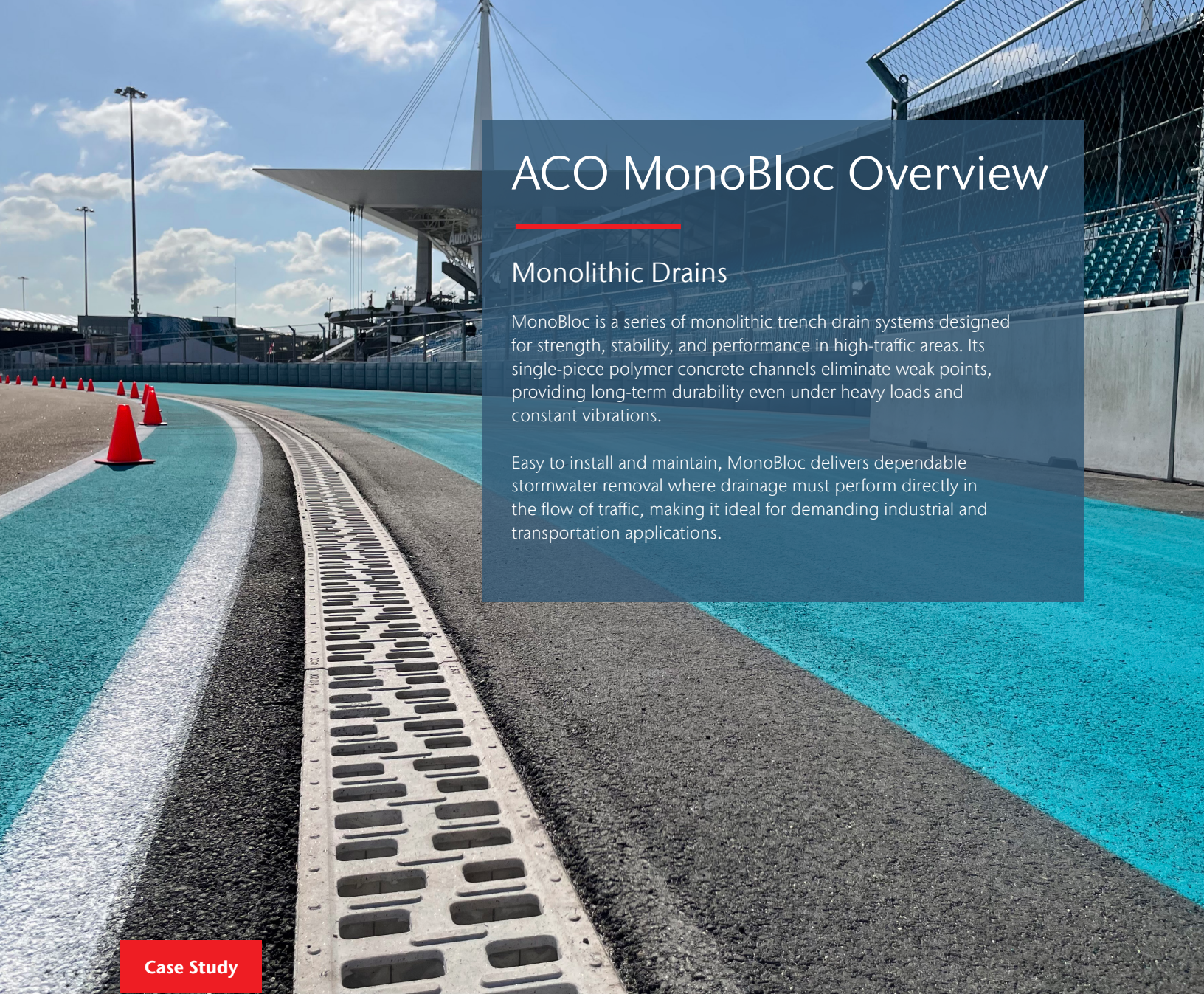
The company has further office locations in Phoenix, AZ, and Fort Mill, SC, and sales personnel across the country and an extensive distribution network through all states, the Caribbean and Central America.



ACO Infrastructure

ACO Infrastructure is a brand consisting of products designed to remove surface water in these challenging infrastructure locations. Each product within the range addresses a variety of unique design criteria and key issues present in these capitol projects:

- Create a safer driving environment by minimizing roadside ponding and sheeting
- Cope with the challenges of fast moving vehicles
- Avoid the need for multiple grades
- Safe and secure top grate units



ACO MonoBloc Overview

Monolithic Drains

MonoBloc is a series of monolithic trench drain systems designed for strength, stability, and performance in high-traffic areas. Its single-piece polymer concrete channels eliminate weak points, providing long-term durability even under heavy loads and constant vibrations.

Easy to install and maintain, MonoBloc delivers dependable stormwater removal where drainage must perform directly in the flow of traffic, making it ideal for demanding industrial and transportation applications.

Case Study

Miami International Autodrome

Miami, FL

Problem:

High-performance racing environments such as Formula 1 tracks require a multitude of precautions, including ponding and flooding protection, unobstructed tracks, and no loose building materials. Trench drains would be ideal, but must have little to no grates and be strategically positioned along the circuit to capture and redirect rainwater, preventing water accumulation on the track surface.

ACO Solution:

■ **ACO MonoBloc HD 200** and custom MonoBloc channels

ACO Monolithic Trench Drains at the Miami International Autodrome contribute to the overall safety and performance of the racing circuit. Their monolithic construction ensures durability and reliability, making them well-suited for the demands of a Formula 1 track. By effectively channeling and managing water, they help maintain consistent track conditions, reducing the risk of hydroplaning and enhancing the overall racing experience for both drivers and spectators.

Typical Applications

- Highways and Interstates
- Truck Stops and Gas Stations
- Parking Lots and Garages
- Race Tracks
- Industrial Parks
- Container Ports
- Distribution Depots
- Toll Booths



ACO Trench Drain Systems

- **ACO MonoBloc HD 100**
 - 4" internal width high-intake systems
 - EN 1433 Load Class F
 - See page 5
- **ACO MonoBloc HD 200**
 - 8" internal width high-intake systems
 - EN 1433 Load Class E
 - See page 5
- **ACO MonoBloc ADA 100**
 - 4" internal width ADA-compliant systems
 - EN 1433 Load Class E
 - See page 11



Options to Suit Your Needs

- ACO MonoBloc HD 200 boasts MonoBloc's **highest intake** and **largest capture area**
- ACO MonoBloc ADA 100 provides **ADA-compliance** with thinner surface slots (0.47" (12 mm))
- Outlets:
 - HD 100 and ADA 100 via **catch basins**
 - HD 200 via 4"/8" horizontal/vertical **flume options**
 - **Outlet end caps** for all systems



Material Built to Last

- Polymer concrete channels interdependently tested to withstand loads up to **EN 1433 Load Class F**
- **Chemical and abrasion-resistant** to preserve surface integrity under heavy traffic



ADA 100, HD 200:
EN1433 Load Class E
134,885 lbs – 2,785 psi



HD 100:
EN1433 Load Class F
202,328 lbs – 4,177 psi



ACO MonoBloc HD Features & Benefits

Monolithic Build

MonoBloc's single-piece construction provides unique benefits over removable-grate systems, especially in applications where the drainage cannot be positioned outside the flow of traffic:

- Solid build
- High structural strength
- Excellent load and hydraulic capacities
- No loosening from vibrations
- No grates outside of access channels
- Quick installation reduces road closures
- More economical than grated systems

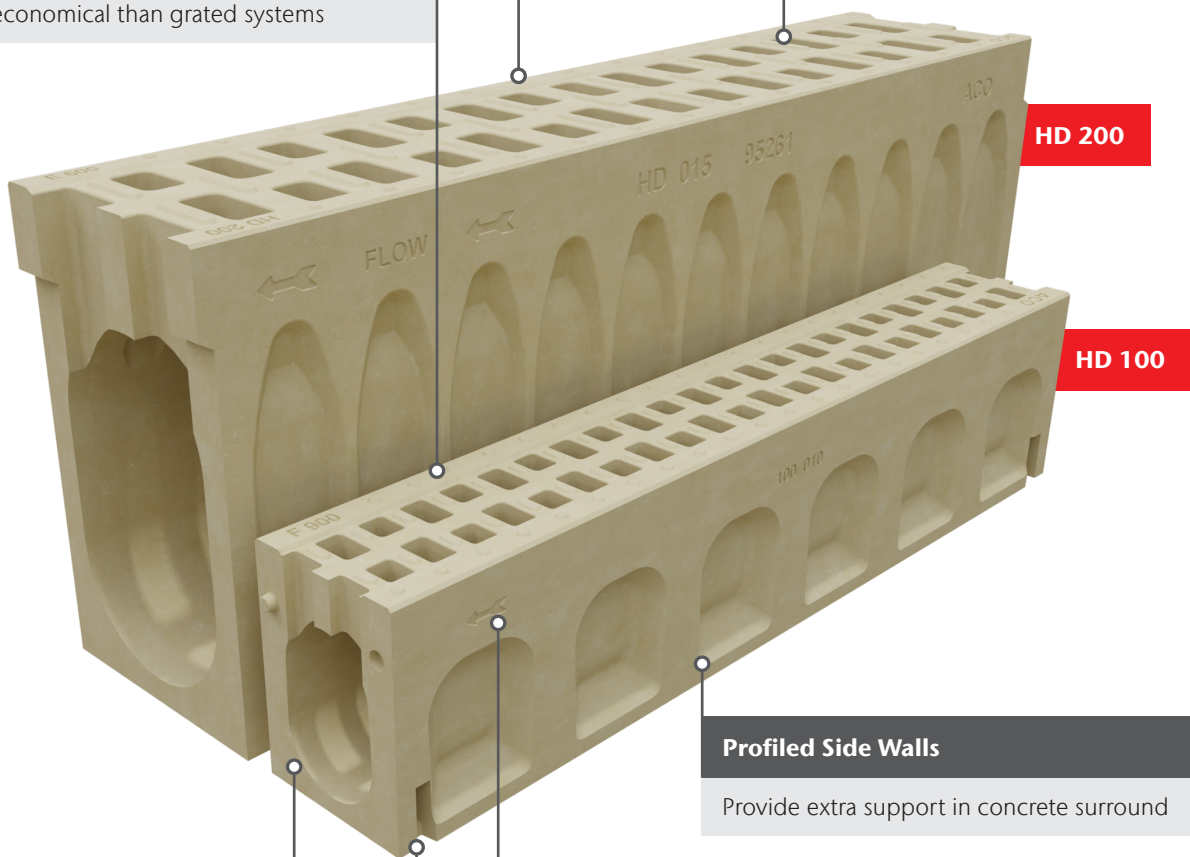
Build Options

HD 100: 39.37" x 6.30", 0.5% slope;
HD 200: 48.00" x 10.24", 0.6% slope;
Depth varies per channel



High-Intake Slot Pattern

HD 100: 40% open area;
HD 200: 30% open area



Interconnecting End Profiles

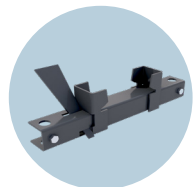
Allow easy and effective joining of channels; appropriate sealant can be used to create a sealed joint

Installation Guidance

Each channel in the sloped system is numbered and includes an arrow denoting direction of flow

Fits ACO Installation Devices

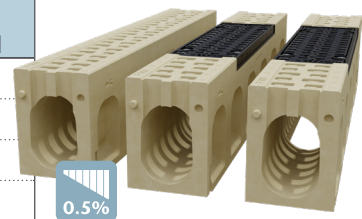
ACO Installation Devices hold channels in place during channel placement and concrete fill





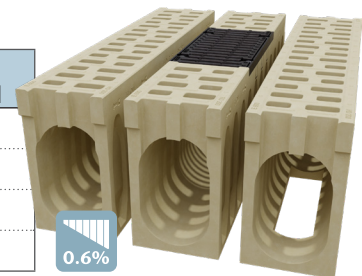
Channel Options

MonoBloc HD 100	Neutral Channel	Sloped Channel	Access Channel	Catch Basin Access Channel
Length	39.37" (1000 mm)			
Slope	0%	0.5%	0%	0%
# of Depths	5	40	5	5
Continuous Slope Length	-	131' (40 m)	-	-



- Neutral channels can be used to create a neutral depth run or to extend a sloped run indefinitely
- Access Channel provides access for maintenance via removable 19.69" (0.5 m) ductile iron, 4-bolt grate
- Catch Basin Access Channel provides access for maintenance via removable 19.69" (0.5 m) ductile iron, 4-bolt grate and bottom connection to ACO MonoBloc 100 In-line Catch Basin for high-capacity evacuation of system (153–578 GPM)

MonoBloc HD 200	Neutral Channel	Sloped Channel	Access Channel	Outlet Channel
Length	48.00" (1219 mm)			
Slope	0%	0.6%	0%	0%
# of Depths	3	25	3	3
Continuous Slope Length	-	100' (31 m)	-	-

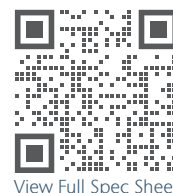
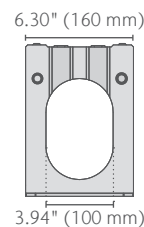
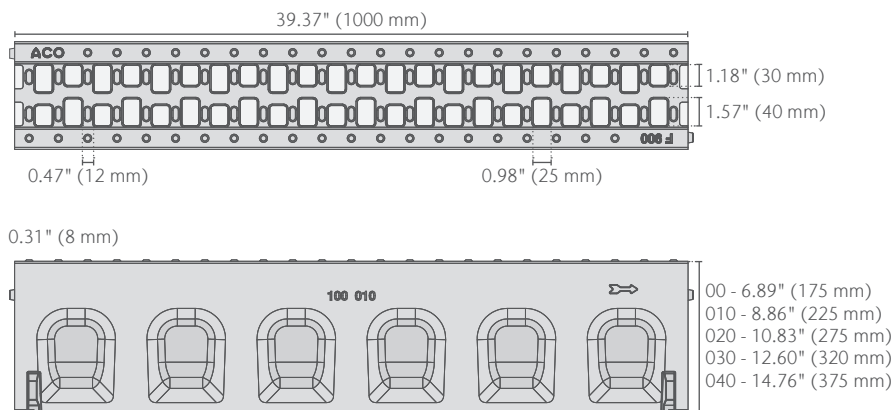


- Neutral channels can be used to create a neutral depth run or to extend a sloped run indefinitely
- Access Channel provides access for maintenance via removable 19.69" (0.5 m) ductile iron, 4-bolt grate
- Outlet Channel provides bottom connection to ACO flume options (8" and 12" SCH 40 vertical/horizontal outlets) for high-capacity evacuation of system (928–2,867 GPM)

MonoBloc HD 100 Parts	Part No.	Length	Invert Depth Female	Invert Depth Male	Weight
		in (mm)	in (mm)	in (mm)	lbs
HD 100 - 00 Neutral Channel	954304	39.37 (1,000)	5.91 (150)	5.91 (150)	77.4
HD 100 - 00 Access Channel	954309	39.37 (1,000)	5.91 (150)	5.91 (150)	85.2
HD 100 - 00 Catch Basin Access Channel	954314	39.37 (1,000)	5.91 (150)	5.91 (150)	76.2
HD 100 - 01 Sloping Channel	954220	39.37 (1,000)	6.10 (155)	6.26 (159)	77.7
HD 100 - 02 Sloping Channel	954221	39.37 (1,000)	6.30 (160)	6.46 (164)	78.7
HD 100 - 03 Sloping Channel	954222	39.37 (1,000)	6.50 (165)	6.65 (169)	79.6
HD 100 - 04 Sloping Channel	954223	39.37 (1,000)	6.69 (170)	6.85 (174)	80.5
HD 100 - 05 Sloping Channel	954224	39.37 (1,000)	6.89 (175)	7.05 (179)	81.5
HD 100 - 06 Sloping Channel	954225	39.37 (1,000)	7.09 (180)	7.24 (184)	82.4
HD 100 - 07 Sloping Channel	954226	39.37 (1,000)	7.28 (185)	7.44 (189)	83.3
HD 100 - 08 Sloping Channel	954227	39.37 (1,000)	7.48 (190)	7.64 (194)	84.2
HD 100 - 09 Sloping Channel	954228	39.37 (1,000)	7.68 (195)	7.83 (199)	85.3
HD 100 - 10 Sloping Channel	954229	39.37 (1,000)	7.87 (200)	8.03 (204)	86.0
HD 100 - 010 Neutral Channel	954305	39.37 (1,000)	7.87 (200)	7.87 (200)	86.1
HD 100 - 010 Access Channel	954310	39.37 (1,000)	7.87 (200)	7.87 (200)	93.9
HD 100 - 010 Catch Basin Access Channel	954315	39.37 (1,000)	7.87 (200)	7.87 (200)	85.9
HD 100 - 11 Sloping Channel	954230	39.37 (1,000)	8.07 (205)	8.23 (209)	86.9
HD 100 - 12 Sloping Channel	954231	39.37 (1,000)	8.27 (210)	8.43 (214)	87.8
HD 100 - 13 Sloping Channel	954232	39.37 (1,000)	8.46 (215)	8.62 (219)	88.8
HD 100 - 14 Sloping Channel	954233	39.37 (1,000)	8.66 (220)	8.82 (224)	89.7
HD 100 - 15 Sloping Channel	954234	39.37 (1,000)	8.86 (225)	9.02 (229)	90.6
HD 100 - 16 Sloping Channel	954235	39.37 (1,000)	9.06 (230)	9.21 (234)	91.5
HD 100 - 17 Sloping Channel	954236	39.37 (1,000)	9.25 (235)	9.41 (239)	92.4
HD 100 - 18 Sloping Channel	954237	39.37 (1,000)	9.45 (240)	9.61 (244)	93.3
HD 100 - 19 Sloping Channel	954238	39.37 (1,000)	9.65 (245)	9.80 (249)	94.2
HD 100 - 20 Sloping Channel	954239	39.37 (1,000)	9.84 (250)	10.00 (254)	95.0
HD 100 - 020 Neutral Channel	954306	39.37 (1,000)	9.84 (250)	9.84 (250)	94.8
HD 100 - 020 Access Channel	954311	39.37 (1,000)	9.84 (250)	9.84 (250)	102.7
HD 100 - 020 Catch Basin Access Channel	954316	39.37 (1,000)	9.84 (250)	9.84 (250)	94.6
HD 100 - 21 Sloping Channel	954240	39.37 (1,000)	10.04 (255)	10.39 (264)	95.9
HD 100 - 22 Sloping Channel	954241	39.37 (1,000)	10.24 (260)	10.59 (269)	96.8
HD 100 - 23 Sloping Channel	954242	39.37 (1,000)	10.43 (265)	10.79 (274)	97.7
HD 100 - 24 Sloping Channel	954243	39.37 (1,000)	10.63 (270)	10.98 (279)	98.7
HD 100 - 25 Sloping Channel	954244	39.37 (1,000)	10.83 (275)	11.18 (284)	99.6
HD 100 - 26 Sloping Channel	954245	39.37 (1,000)	11.02 (280)	11.38 (289)	100.4
HD 100 - 27 Sloping Channel	954246	39.37 (1,000)	11.22 (285)	11.57 (294)	101.3
HD 100 - 28 Sloping Channel	954247	39.37 (1,000)	11.42 (290)	11.77 (299)	102.2
HD 100 - 29 Sloping Channel	954248	39.37 (1,000)	11.61 (295)	11.97 (304)	103.1
HD 100 - 30 Sloping Channel	954249	39.37 (1,000)	11.81 (300)	11.97 (304)	103.9

MonoBloc HD 100 Parts (cont.)	Part No.	Length	Invert Depth Female	Invert Depth Male	Weight
		in (mm)	in (mm)	in (mm)	lbs
HD 100 - 030 Neutral Channel	954307	39.37 (1,000)	11.81 (300)	11.81 (300)	103.4
HD 100 - 030 Access Channel	954312	39.37 (1,000)	11.81 (300)	11.81 (300)	111.2
HD 100 - 030 Catch Basin Access Channel	954317	39.37 (1,000)	11.81 (300)	11.81 (300)	103.2
HD 100 - 31 Sloping Channel	954250	39.37 (1,000)	12.01 (305)	12.36 (314)	104.8
HD 100 - 32 Sloping Channel	954251	39.37 (1,000)	12.20 (310)	12.56 (319)	105.7
HD 100 - 33 Sloping Channel	954252	39.37 (1,000)	12.40 (315)	12.76 (324)	106.5
HD 100 - 34 Sloping Channel	954253	39.37 (1,000)	12.60 (320)	12.95 (329)	107.4
HD 100 - 35 Sloping Channel	954254	39.37 (1,000)	12.80 (325)	13.15 (334)	108.3
HD 100 - 36 Sloping Channel	954255	39.37 (1,000)	12.99 (330)	13.35 (339)	109.1
HD 100 - 37 Sloping Channel	954256	39.37 (1,000)	13.19 (335)	13.54 (344)	110.0
HD 100 - 38 Sloping Channel	954257	39.37 (1,000)	13.39 (340)	13.74 (349)	110.9
HD 100 - 39 Sloping Channel	954258	39.37 (1,000)	13.58 (345)	13.94 (354)	111.7
HD 100 - 40 Sloping Channel	954259	39.37 (1,000)	13.78 (350)	13.94 (354)	112.6
HD 100 - 040 Neutral Channel	954308	39.37 (1,000)	13.78 (350)	13.78 (350)	109.4
HD 100 - 040 Access Channel	954313	39.37 (1,000)	13.78 (350)	13.78 (350)	113.6
HD 100 - 040 Catch Basin Access Channel	954318	39.37 (1,000)	13.78 (350)	13.78 (350)	111.5
MonoBloc 100 In-line Catch Basin	954319	19.69 (500)	18.90 (480)	18.90 (480)	59.7
HD 100 - 00 End Cap	954302	-	-	-	3.7
HD 100 - 010 End Cap	954339	-	-	-	3.4
HD 100 - 020 End Cap	954340	-	-	-	4.2
HD 100 - 030 End Cap	954341	-	-	-	5.0
HD 100 - 040 End Cap	954342	-	-	-	5.8
HD 100 - 010 Outlet End Cap	954343	-	-	-	3.6
HD 100 - 020 Outlet End Cap	954344	-	-	-	4.4
HD 100 - 030 Outlet End Cap	954345	-	-	-	5.2
HD 100 - 040 Outlet End Cap	954346	-	-	-	6.0

MonoBloc HD 100 Neutral Channel

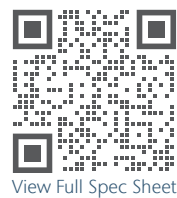
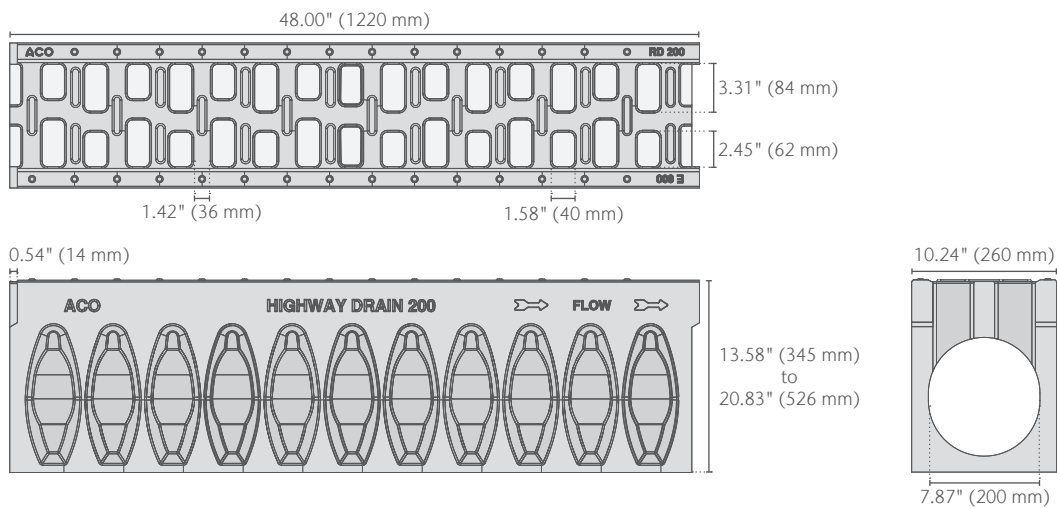


View Full Spec Sheet

MonoBloc HD 200 Parts	Part No.	Length	Invert Depth Female	Invert Depth Male	Weight
		in (mm)	in (mm)	in (mm)	lbs
HD 200 - 00 Neutral Channel	95250	48.00 (1,220)	12.52 (318)	12.52 (318)	241.0
HD 200 - 00 Access Channel	95317	48.00 (1,220)	12.52 (318)	12.52 (318)	243.0
HD 200 - 00 Outlet Channel	95326	48.00 (1,220)	12.52 (318)	12.52 (318)	233.0
HD 200 - 01 Sloping Channel	95253	48.00 (1,220)	12.52 (318)	12.83 (326)	241.0
HD 200 - 02 Sloping Channel	95255	48.00 (1,220)	12.83 (326)	13.11 (333)	242.7
HD 200 - 03 Sloping Channel	95259	48.00 (1,220)	13.11 (333)	13.43 (341)	244.3
HD 200 - 04 Sloping Channel	95254	48.00 (1,220)	13.43 (341)	13.70 (348)	246.0
HD 200 - 05 Sloping Channel	95258	48.00 (1,220)	13.70 (348)	13.98 (355)	247.6
HD 200 - 06 Sloping Channel	95257	48.00 (1,220)	13.98 (355)	14.29 (363)	249.3
HD 200 - 07 Sloping Channel	95252	48.00 (1,220)	14.29 (363)	14.57 (370)	250.9
HD 200 - 08 Sloping Channel	95251	48.00 (1,220)	14.57 (370)	14.88 (378)	252.6
HD 200 - 09 Sloping Channel	95256	48.00 (1,220)	14.88 (378)	15.16 (385)	254.2
HD 200 - 10 Sloping Channel	95263	48.00 (1,220)	15.16 (385)	15.47 (393)	255.9
HD 200 - 11 Sloping Channel	95265	48.00 (1,220)	15.47 (393)	15.75 (400)	257.5
HD 200 - 12 Sloping Channel	95267	48.00 (1,220)	15.75 (400)	16.06 (408)	259.2
HD 200 - 13 Sloping Channel	95262	48.00 (1,220)	16.06 (408)	16.34 (415)	260.8
HD 200 - 14 Sloping Channel	95269	48.00 (1,220)	16.34 (415)	16.61 (422)	262.5
HD 200 - 15 Sloping Channel	95266	48.00 (1,220)	16.61 (422)	16.93 (430)	264.1
HD 200 - 015 Neutral Channel	95261	48.00 (1,220)	16.93 (430)	16.93 (430)	264.1
HD 200 - 015 Access Channel	95328	48.00 (1,220)	16.93 (430)	16.93 (430)	266.1
HD 200 - 015 Outlet Channel	95327	48.00 (1,220)	16.93 (430)	16.93 (430)	256.1
HD 200 - 16 Sloping Channel	95264	48.00 (1,220)	16.93 (430)	17.20 (437)	265.8
HD 200 - 17 Sloping Channel	95260	48.00 (1,220)	17.20 (437)	17.52 (445)	267.4
HD 200 - 18 Sloping Channel	95268	48.00 (1,220)	17.52 (445)	17.80 (452)	269.1
HD 200 - 19 Sloping Channel	95275	48.00 (1,220)	17.80 (452)	18.11 (460)	270.7
HD 200 - 20 Sloping Channel	95272	48.00 (1,220)	18.11 (460)	18.39 (467)	272.4
HD 200 - 21 Sloping Channel	95274	48.00 (1,220)	18.39 (467)	18.70 (475)	274.0
HD 200 - 22 Sloping Channel	95270	48.00 (1,220)	18.70 (475)	18.98 (482)	275.7
HD 200 - 23 Sloping Channel	95277	48.00 (1,220)	18.98 (482)	19.29 (490)	277.3
HD 200 - 24 Sloping Channel	95273	48.00 (1,220)	19.29 (490)	19.57 (497)	279.0
HD 200 - 25 Sloping Channel	95276	48.00 (1,220)	19.57 (497)	19.88 (505)	280.6
HD 200 - 025 Neutral Channel	95271	48.00 (1,220)	19.88 (505)	19.88 (505)	280.6
HD 200 - 025 Access Channel	95329	48.00 (1,220)	19.88 (505)	19.88 (505)	282.6
HD 200 - 025 Outlet Channel	95322	48.00 (1,220)	19.88 (505)	19.88 (505)	272.6
Flume Outlet PP - 8" Vertical	95279	-	-	-	2.4
Flume Outlet PP - 8" Horizontal	95290	-	-	-	7.5
Flume Outlet PP - 12" Vertical	95285	-	-	-	4.5
Flume Outlet PP - 12" Horizontal	95287	-	-	-	9.6
Closing Cap PP	95292	-	-	-	1.8
Outlet Cap Kit PP - 8" SCH 40	95293	-	-	-	3.5
HD200 Installation Device	95284	-	-	-	3.3



MonoBloc HD 200 Neutral Channel



EN1433 Load Class E
134,885 lbs – 2,785 psi



FAA Airside
200K lb Proof Load

ACO MonoBloc ADA Features & Benefits

Monolithic Build

MonoBloc's single-piece construction provides unique benefits over removable-grate systems, especially in applications where the drainage cannot be positioned outside the flow of traffic:

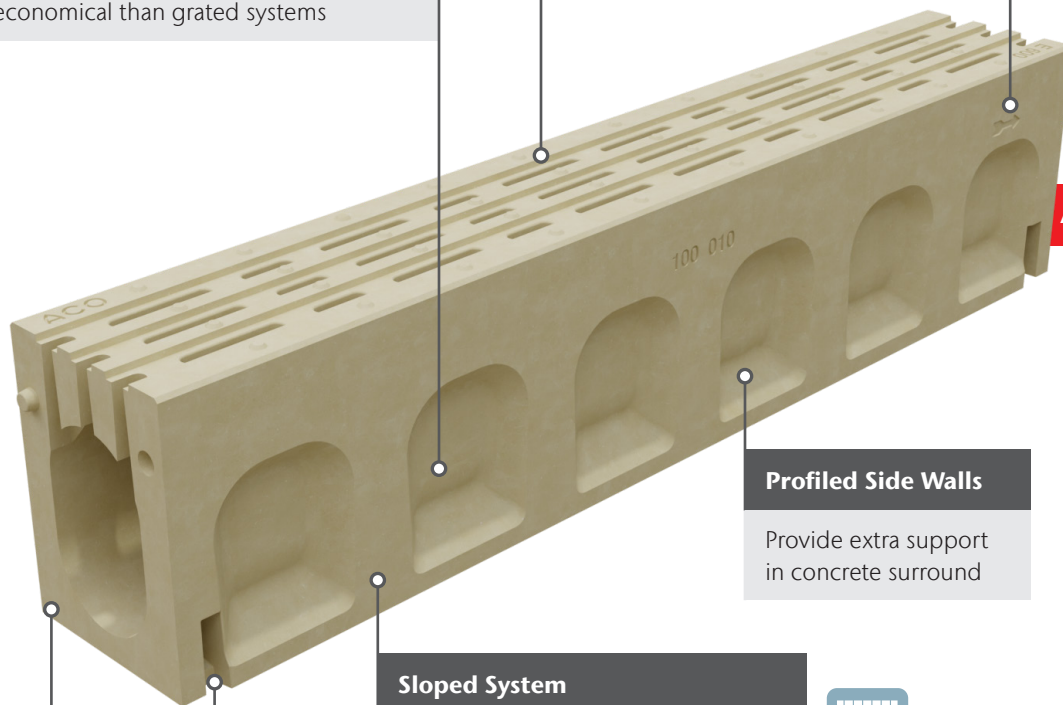
- Solid build
- High structural strength
- Excellent load and hydraulic capacities
- No loosening from vibrations
- No grates outside of access channels
- Quick installation reduces road closures
- More economical than grated systems

ADA-Compliant Slot Pattern

ADA-compliant per The Americans with Disabilities Act of 2010, Section 302.3

Installation Guidance

Each channel in the sloped system is numbered and includes an arrow denoting direction of flow



ADA 100

Profiled Side Walls

Provide extra support in concrete surround

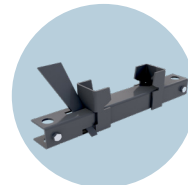
Sloped System

HD 100: 39.37" x 6.30", 0.5% slope;
Depth varies per channel



Fits ACO Installation Devices

ACO Installation Devices hold channels in place during channel placement and concrete fill



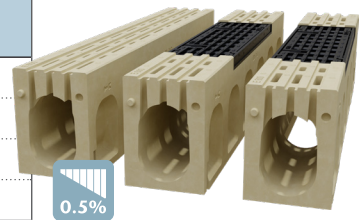
Interconnecting End Profiles

Allow easy and effective joining of channels; appropriate sealant can be used to create a sealed joint



Channel Options

MonoBloc ADA 100	Neutral Channel	Sloped Channel	Access Channel	Catch Basin Access Channel
Length	39.37" (1000 mm)			
Slope	0%	0.5%	0%	0%
# of Depths	5	40	5	5
Continuous Slope Length	-	131' (40 m)	-	-

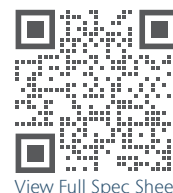
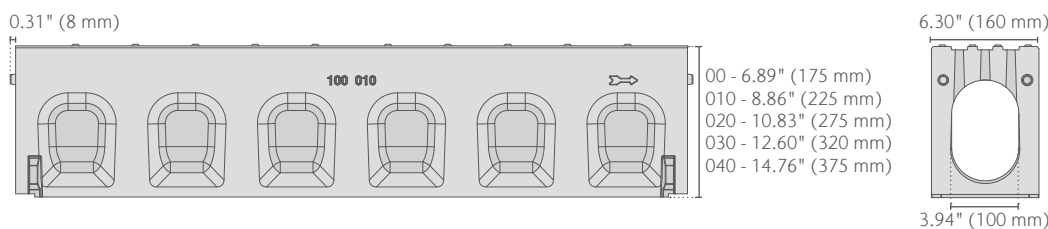
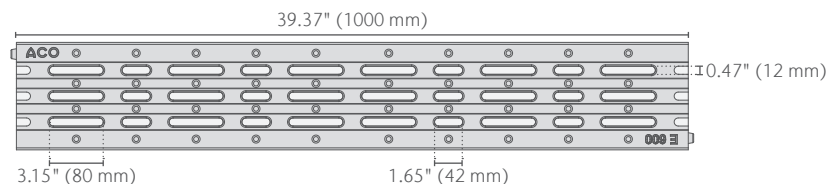


- Neutral channels can be used to create a neutral depth run or to extend a sloped run indefinitely
- Access Channel provides access for maintenance via removable 19.69" (0.5 m) ductile iron, 4-bolt grate
- Catch Basin Access Channel provides access for maintenance via removable 19.69" (0.5 m) ductile iron, 4-bolt grate and bottom connection to ACO MonoBloc 100 In-line Catch Basin for high-capacity evacuation of system (153–578 GPM)

MonoBloc ADA 100 Parts	Part No.	Length	Invert Depth Female	Invert Depth Male	Weight
		in (mm)	in (mm)	in (mm)	lbs
ADA 100 - 00 Neutral Channel	954304	39.37 (1,000)	5.91 (150)	5.91 (150)	81.4
ADA 100 - 00 Access Channel	954309	39.37 (1,000)	5.91 (150)	5.91 (150)	76.9
ADA 100 - 00 Catch Basin Access Channel	954314	39.37 (1,000)	5.91 (150)	5.91 (150)	82.0
ADA 100 - 01 Sloping Channel	954220	39.37 (1,000)	6.10 (155)	6.26 (159)	81.7
ADA 100 - 02 Sloping Channel	954221	39.37 (1,000)	6.30 (160)	6.46 (164)	82.7
ADA 100 - 03 Sloping Channel	954222	39.37 (1,000)	6.50 (165)	6.65 (169)	83.6
ADA 100 - 04 Sloping Channel	954223	39.37 (1,000)	6.69 (170)	6.85 (174)	84.5
ADA 100 - 05 Sloping Channel	954224	39.37 (1,000)	6.89 (175)	7.05 (179)	85.5
ADA 100 - 06 Sloping Channel	954225	39.37 (1,000)	7.09 (180)	7.24 (184)	86.4
ADA 100 - 07 Sloping Channel	954226	39.37 (1,000)	7.28 (185)	7.44 (189)	87.3
ADA 100 - 08 Sloping Channel	954227	39.37 (1,000)	7.48 (190)	7.64 (194)	88.2
ADA 100 - 09 Sloping Channel	954228	39.37 (1,000)	7.68 (195)	7.83 (199)	89.3
ADA 100 - 10 Sloping Channel	954229	39.37 (1,000)	7.87 (200)	8.03 (204)	90.0
ADA 100 - 010 Neutral Channel	954305	39.37 (1,000)	7.87 (200)	7.87 (200)	90.2
ADA 100 - 010 Access Channel	954310	39.37 (1,000)	7.87 (200)	7.87 (200)	85.0
ADA 100 - 010 Catch Basin Access Channel	954315	39.37 (1,000)	7.87 (200)	7.87 (200)	90.7
ADA 100 - 11 Sloping Channel	954230	39.37 (1,000)	8.07 (205)	8.23 (209)	90.9
ADA 100 - 12 Sloping Channel	954231	39.37 (1,000)	8.27 (210)	8.43 (214)	91.8
ADA 100 - 13 Sloping Channel	954232	39.37 (1,000)	8.46 (215)	8.62 (219)	92.8
ADA 100 - 14 Sloping Channel	954233	39.37 (1,000)	8.66 (220)	8.82 (224)	93.7
ADA 100 - 15 Sloping Channel	954234	39.37 (1,000)	8.86 (225)	9.02 (229)	94.6
ADA 100 - 16 Sloping Channel	954235	39.37 (1,000)	9.06 (230)	9.21 (234)	95.5
ADA 100 - 17 Sloping Channel	954236	39.37 (1,000)	9.25 (235)	9.41 (239)	96.4
ADA 100 - 18 Sloping Channel	954237	39.37 (1,000)	9.45 (240)	9.61 (244)	97.3
ADA 100 - 19 Sloping Channel	954238	39.37 (1,000)	9.65 (245)	9.80 (249)	98.2
ADA 100 - 20 Sloping Channel	954239	39.37 (1,000)	9.84 (250)	10.00 (254)	99.0
ADA 100 - 020 Neutral Channel	954306	39.37 (1,000)	9.84 (250)	9.84 (250)	98.9
ADA 100 - 020 Access Channel	954311	39.37 (1,000)	9.84 (250)	9.84 (250)	107.5
ADA 100 - 020 Catch Basin Access Channel	954316	39.37 (1,000)	9.84 (250)	9.84 (250)	99.5
ADA 100 - 21 Sloping Channel	954240	39.37 (1,000)	10.04 (255)	10.39 (264)	99.9
ADA 100 - 22 Sloping Channel	954241	39.37 (1,000)	10.24 (260)	10.59 (269)	100.8
ADA 100 - 23 Sloping Channel	954242	39.37 (1,000)	10.43 (265)	10.79 (274)	101.7
ADA 100 - 24 Sloping Channel	954243	39.37 (1,000)	10.63 (270)	10.98 (279)	102.7
ADA 100 - 25 Sloping Channel	954244	39.37 (1,000)	10.83 (275)	11.18 (284)	103.6
ADA 100 - 26 Sloping Channel	954245	39.37 (1,000)	11.02 (280)	11.38 (289)	104.4
ADA 100 - 27 Sloping Channel	954246	39.37 (1,000)	11.22 (285)	11.57 (294)	105.3
ADA 100 - 28 Sloping Channel	954247	39.37 (1,000)	11.42 (290)	11.77 (299)	106.2
ADA 100 - 29 Sloping Channel	954248	39.37 (1,000)	11.61 (295)	11.97 (304)	107.1
ADA 100 - 30 Sloping Channel	954249	39.37 (1,000)	11.81 (300)	11.97 (304)	107.9

MonoBloc ADA 100 Parts (cont.)	Part No.	Length	Invert Depth Female	Invert Depth Male	Weight
		in (mm)	in (mm)	in (mm)	lbs
ADA 100 - 030 Neutral Channel	954307	39.37 (1,000)	11.81 (300)	11.81 (300)	107.5
ADA 100 - 030 Access Channel	954312	39.37 (1,000)	11.81 (300)	11.81 (300)	116.1
ADA 100 - 030 Catch Basin Access Channel	954317	39.37 (1,000)	11.81 (300)	11.81 (300)	108.1
ADA 100 - 31 Sloping Channel	954250	39.37 (1,000)	12.01 (305)	12.36 (314)	108.8
ADA 100 - 32 Sloping Channel	954251	39.37 (1,000)	12.20 (310)	12.56 (319)	109.7
ADA 100 - 33 Sloping Channel	954252	39.37 (1,000)	12.40 (315)	12.76 (324)	110.5
ADA 100 - 34 Sloping Channel	954253	39.37 (1,000)	12.60 (320)	12.95 (329)	111.4
ADA 100 - 35 Sloping Channel	954254	39.37 (1,000)	12.80 (325)	13.15 (334)	112.3
ADA 100 - 36 Sloping Channel	954255	39.37 (1,000)	12.99 (330)	13.35 (339)	113.1
ADA 100 - 37 Sloping Channel	954256	39.37 (1,000)	13.19 (335)	13.54 (344)	114.0
ADA 100 - 38 Sloping Channel	954257	39.37 (1,000)	13.39 (340)	13.74 (349)	114.9
ADA 100 - 39 Sloping Channel	954258	39.37 (1,000)	13.58 (345)	13.94 (354)	115.7
ADA 100 - 40 Sloping Channel	954259	39.37 (1,000)	13.78 (350)	13.94 (354)	116.6
ADA 100 - 040 Neutral Channel	954308	39.37 (1,000)	13.78 (350)	13.78 (350)	115.8
ADA 100 - 040 Access Channel	954313	39.37 (1,000)	13.78 (350)	13.78 (350)	124.5
ADA 100 - 040 Catch Basin Access Channel	954318	39.37 (1,000)	13.78 (350)	13.78 (350)	116.5
MonoBloc 100 In-line Catch Basin	954319	19.69 (500)	18.90 (480)	18.90 (480)	59.7
ADA 100 - 010 End Cap	954339	-	-	-	3.4
ADA 100 - 020 End Cap	954340	-	-	-	4.2
ADA 100 - 030 End Cap	954341	-	-	-	5.0
ADA 100 - 040 End Cap	954342	-	-	-	5.8
ADA 100 - 010 Outlet End Cap	954343	-	-	-	4.2
ADA 100 - 020 Outlet End Cap	954344	-	-	-	5.0
ADA 100 - 030 Outlet End Cap	954345	-	-	-	5.8
ADA 100 - 040 Outlet End Cap	954346	-	-	-	6.6

MonoBloc ADA 100 Neutral Channel



ACO. we care for water

ACO, Inc.

Surface Water Division

West Sales Office
825 W. Beechcraft St.
Casa Grande, AZ 85122
Tel: (520) 421-9988
Toll-Free: (888) 490-9552
Fax: (520) 421-9899

Northeast Sales Office
9470 Pinecone Drive
Mentor, OH 44060
Tel: (440) 639-7230
Toll-Free: (800) 543-4764
Fax: (440) 639-7235

Southeast Sales Office
481 Munn Rd. Ste 225
Fort Mill, SC 29715
Tel: (520) 421-9988
Toll-Free: (800) 543-4764
Fax: (803) 802-1063

info@acousa.com
www.acousa.com

© August 2026 ACO, Inc.

All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions of use are suitable. ACO, Inc. reserves the right to the change products and specifications without notice. **Print #MB_OV_01**

