

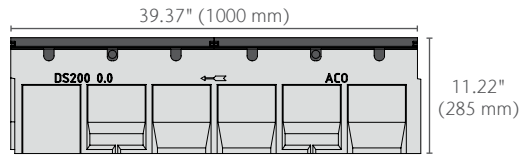
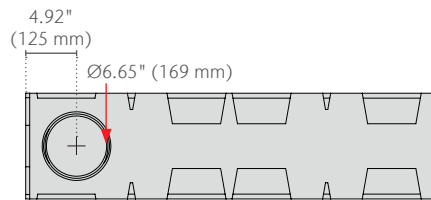
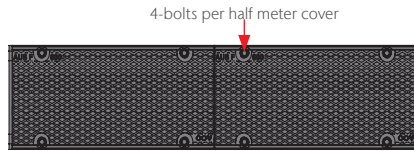
ACO UtilityDuct

DS200 with 4-bolt Solid Iron Covers

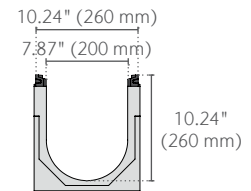


DS200 0.0 Channel - One Meter

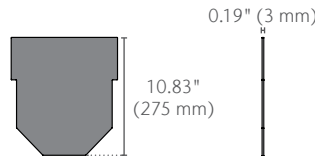
part no. 76537



Channel End

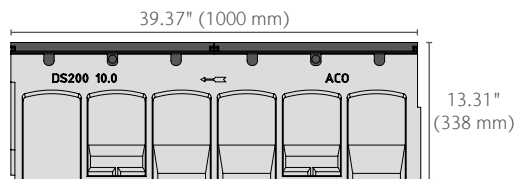
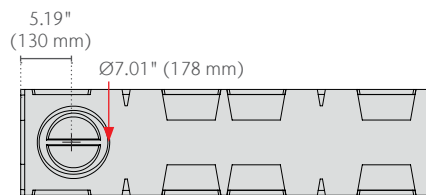
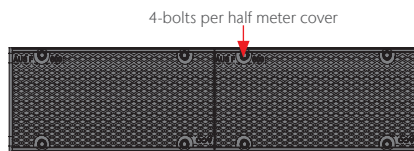


DS200 0.0 Closing End Cap

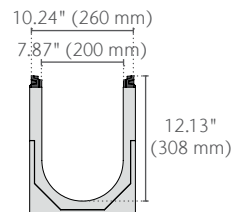


DS200 10.0 Channel - One Meter

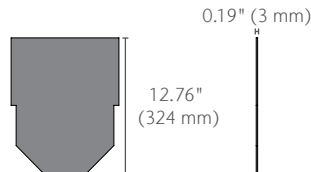
part no. 138264



Channel End



DS200 10.0 Closing End Cap



DS200 with 4-bolt Solid Iron Covers



Product Name	Part No.	Invert Depth in (mm)	Overall Depth in (mm)	Weight lbs
DS200 0.0 Polymer Concrete Duct with Ductile Iron Covers	76537	10.24 (260)	11.22 (285)	180.0
DS200 10.0 Polymer Concrete Duct with Ductile Iron Covers	138264	12.13 (308)	13.31 (338)	212.0

Accessories	Part No.	Invert Depth in (mm)	Overall Thickness in (mm)	Weight lbs
DS200 0.0 Closing End Cap	99256	10.83 (275)	0.19 (3)	0.9
DS200 10.0 Closing End Cap	138281	12.76 (324)	0.19 (3)	3.93

1. DS200 duct is sold complete, with channel and cover.
2. Preformed drill-out for 6" pipe on underside of channel.

Specification Summary

General

The surface drainage system shall be ACO UtilityDuct DS200 complete with Class E solid ductile iron covers secured with bolted lockings (4-bolts per half meter cover) as manufactured by ACO, Inc. or equal approved.

Installation

The trench drain system shall be installed in accordance with the manufacturer's installation instructions and recommendations.

Covers

Covers are manufactured from ductile iron to ASTM 536-84 - Grade 65-45-12. Covers are locked in place with 4 qty M10 high tensile steel bolts with friction grip washers per half meter (19.69") cover. Covers are load tested to meet EN 1433 Load Class E - 2,323psi. After removal of covers there shall be uninterrupted access to the trench to aid maintenance.

Materials

Duct system bodies are manufactured from polyester polymer concrete with minimum properties as follows:

- Compressive strength: 14,000 psi
- Flexural strength: 4,000 psi
- Water absorption: 0.07%
- Frost-proof
- Salt-proof
- Dilute acid and alkali resistant
- Surface burn characteristics of the material shall comply with UL 723

The nominal clear opening shall be 8" (200 mm) with overall width of 10.24" (260 mm). Modular units shall be manufactured with neutral invert and have a wall thickness of at least 1.18" (30 mm). Each unit will feature a full radius in the trench bottom and a male to female interconnecting end profile. Units shall have horizontal cast in anchoring features on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The ductile iron edge rail will be integrally cast in by the manufacturer to ensure maximum homogeneity between polymer concrete body and edge rail.



Australian Standard AS 3996 - 2006 Clause 3.3.6: max slot length dependent on slot width for grates that are deemed Bicycle Tire Penetration Resistant.



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

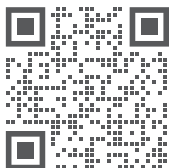


EN1433 Load Class E
134,885 lbs – 2,785 psi

ACO, Inc.

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