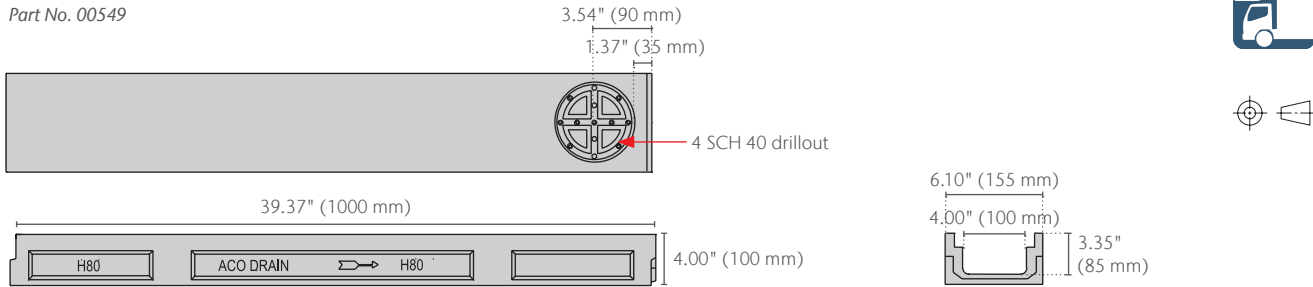


H100-10 Channel System

H100-10 Neutral Channel

Part No. 00549



H100-10 Closing End Cap

Part No. 05939



Outlet Flow Rates

Outlet Flow Rates	Outlet Size	Invert Depth in (mm)	GPM	CFS
H100-10 Neutral Channel - 39.37" (1000 mm)	4.00" round	3.35 (85)	99	0.23

These are the pipe flow rates at the specified outlet, NOT channel flow rates

Product

Descriptions	Part No.	Invert Depth in (mm)	Weight lbs
H100-10 Neutral Channel - 39.37" (1000 mm)	00549	3.35 (85)	25.0
H100-10 Closing Cap	05939	3.35 (85)	1.0

Notes:

1. Add nominal 0.6" (15 mm) to invert depth for overall channel depth
2. Preformed 4" SCH 40 knock-out cast on underside of each channel
3. Use grate removal tool to remove grates (Part No. 01318)

Specification Summary

General

The surface drainage system shall be ACO Drain H100-10 complete with gratings secured with QuickLok® as manufactured by ACO, Inc. or equal approved.

Grates

Grates should be specified. See separate ACO Spec Info grate sheets for details. After removal of grates and QuickLok bar there shall be uninterrupted access to the trench to aid maintenance.

Installation

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



EN 1433 Load Class C
56,202 lbs — 1,160 psi

Materials

The trench system bodies shall be manufactured from polyester polymer concrete with minimum properties as follows:

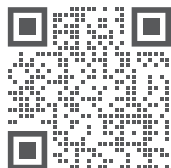
- Compressive strength: 14,000 psi
- Flexural strength: 4,000 psi
- Water absorption 0.07%
- Frost proof
- Salt proof
- Dilute acid and alkali-resistant

The nominal clear opening shall be 4.00" (100 mm) with overall width of 6.10" (155 mm). Pre-cast units shall be manufactured with neutral invert and have a wall thickness of at least 0.50" (13 mm). Each unit will feature 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.

ACO, Inc.

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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 change products and specifications without notice.



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