

INSTALLATION SELECTION INFORMATION

1	<i>Your Selection Information</i>	<i>Grate Description</i>	Type 494D Longitudinal Plastic Black Grate
		<i>Pavement Finish</i>	Flag Tan

2	<i>Additional Information based on your selection</i>	<i>Load Class</i>	A - 3,500lbs - 70 psi
		<i>Length(s)</i>	19.69" (500 mm)
		<i>Channel System</i>	KlassikDrain K100, KS100; SlabDrain H100-8, H100-10, H100K-8
		<i>Part No.</i>	99575

Note: The information is for grate only. Channels sold separately.

ACO Polymer Products, Inc.

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Product Features

- Certified to EN 1433 Load Class A - 3,500 lbs - 70 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Manufactured from durable, UV stable polypropylene
- Raised anti-slip surface detail
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Bicycle Tire Penetration Resistant to AS3996-2006



ACO Specification Information

Specifications

General

The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels*, complete with ACO Type 494D black/495D gray/496D tan longitudinal (ADA) plastic grate with 'DrainLok' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

Materials

The covers shall be manufactured from polypropylene and have **minimum** properties as follows:

- **Independently certified to meet Load Class A to EN 1433 - 3,500 lbs - 70 psi**
- **UV stable polypropylene**
- **Intake area of 27.4 sq. in. (176.8 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 19.69" (500mm). Slots measure 0.34" (8mm) by 1.76" (44mm).

Installation

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

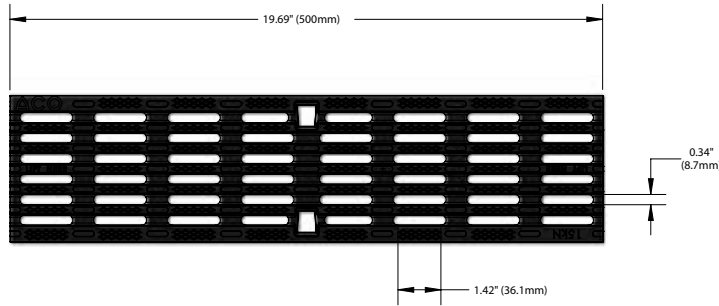
* delete as appropriate

ACO DRAIN

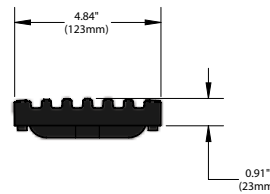
Type 494D/495D/496D Longitudinal plastic grate (ADA)



Plan view



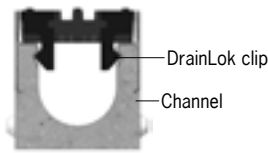
Side elevation



ACO Specification Information

Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
DrainLok grate				
Type 494D plastic black ADA grate	99575	19.69 (500)	4.84 (123)	1.8
Type 495D plastic gray ADA grate	99576	19.69 (500)	4.84 (123)	1.8
Type 496D plastic tan ADA grate	99577	19.69 (500)	4.84 (123)	1.8

'DrainLok' locking mechanism



ACO DrainLok™ is a patented, boltless locking system that removes the need for bolts and bars and improves the hydraulic capacity of the channel. The DrainLok™ mechanism simply clips into the channel edge rail for rapid installation. ACO DrainLok™ grates are fitted with an anti-shunt mechanism that restricts unwanted grate movement when installed, improving durability and longevity of the system.

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