

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

**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, H100-8, H100-10, H100K-8, and H100KS-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, H100-8, H100-10, H100K-8, and H100KS-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 cm<sup>2</sup>) 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.

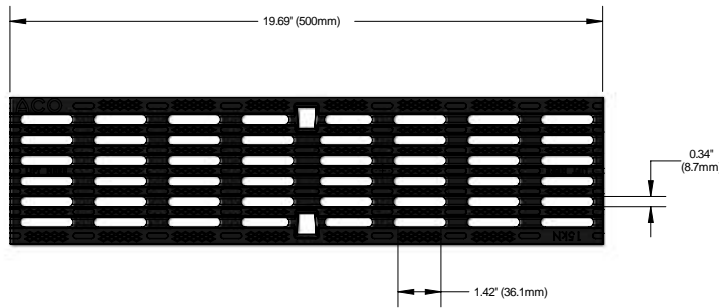
\* delete as appropriate

**ACO DRAIN**

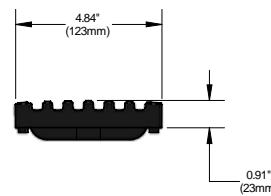
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**Plan view**



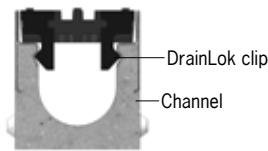
**Side elevation**



ACO Specification Information

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

**ACO Polymer Products, Inc.**

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