

# PerkFilter™

## Media Filtration

Flexible Configurations

Predictable Maintenance

Compact Footprint

Field & Lab Tested



**Proven  
Pollution  
Reduction**

Impervious surfaces and other urban and suburban landscapes generate a variety of contaminants that can enter storm water, polluting downstream receiving waters. Oldcastle Infrastructure's PerkFilter™ is a cartridge based media filtration system that utilizes a proprietary media configuration to remove specific pollutants of concern through sedimentation, filtration and sorption, reducing downstream contaminants.



# Cartridge filtration. Superior flow rates.

## Performance

PerkFilter's designs have been extensively field tested, resulting in removal efficiencies of:

- Total Suspended Solids > 80%
- Total Phosphorus > 60%

## Applications

PerkFilter is available in a wide variety of configurations to meet site specific requirements. Examples include:

- Catch Basins
- Drop Inlets
- Manholes
- Vaults
- Panel Vaults

## Credits and Certifications

### Washington State Department of Ecology

TAPE/GULD for basic treatment (TSS) and phosphorus treatment.

### New Jersey Department of Environmental Protection

NJCAT certified 80% TSS removal rate. Online or offline application.

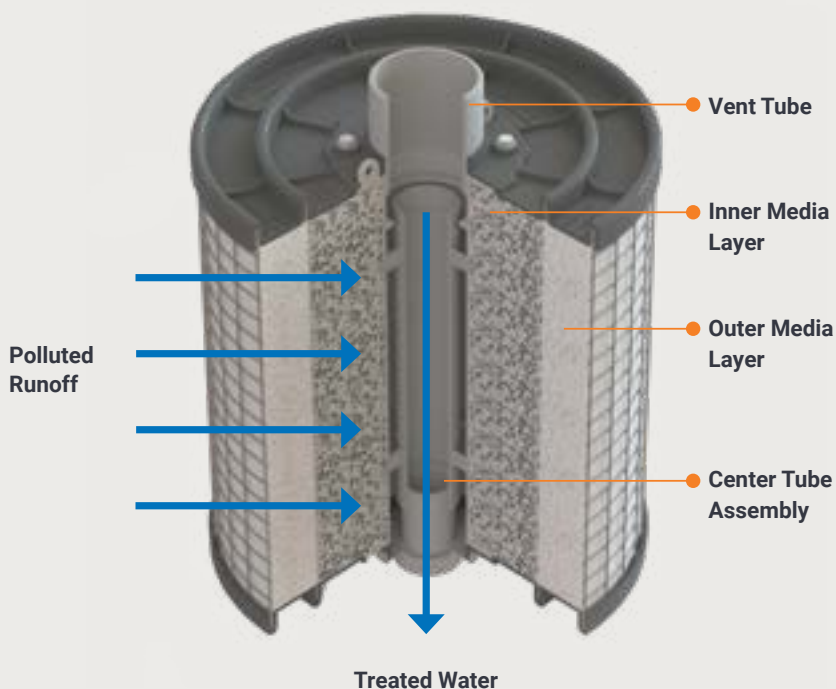
### Maryland Department of the Environment

Approved structural practice for 80% TSS removal.

### Virginia Department of Environmental Quality

BMP clearinghouse 50% credit for phosphorus reduction.

Inquire for a full list of certifications.



Standard Cartridge Capacities

Cartridge Height Inches	Treatment Capacity (gpm) at Media Surface Loading Rate of:	
	1.5 gpm/ft <sup>2</sup>	2.91 gpm/ft <sup>2</sup>
12	6.8	13.6
18	10.2	20.4
24	13.6	27.2
30	17	34

4-A-056

Revision 6/2025

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Full scale solutions.



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