

Polylok's new orifice diffuser offers advancements in effluent distribution you will not see in other pressure dosing systems. Our patented design includes an impeller that directs wastewater from the discharge piping in a 360° manner. This optimizes the leaching fields and protects the soils around the piping from unnecessary erosion. In addition, our orifice diffuser is designed with a cover that sits on top of the impeller; this cover insures that no sand or stone enters the discharge piping and affects your leaching system.

Our diffuser accommodates two sizes: 3/4"-1" pipe and 1-1/4"-2" pipe.

Why should you use Polylok's Orifice Diffuser?

- Fits securely onto 3/4" - 1" pipe or 1-1/4" - 2" pipe
- Constructed of engineered resin
- Provides a tight fit which prevents slippage once installed
- Slotted design prevents plugging of discharge openings with surrounding soil
- Can be installed with discharge openings facing up or down
- 360° equal distribution

Technical Specifications
See Page 106

Pressure Distribution

Accessories

Ball Valves

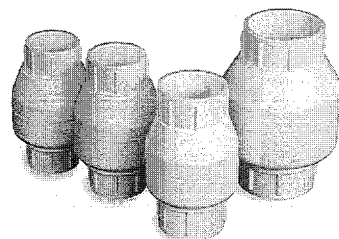
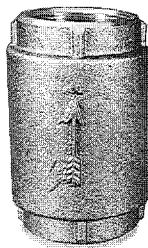


PDS-BV-1.25, PDS-BV-1.5,
PDS-BV-2.0

1-1/4", 1-1/2" & 2" True Union

Check Valves

PDS-CV-B-1.25
PDS-CV-B-1.5
PDS-CV-B-2.0

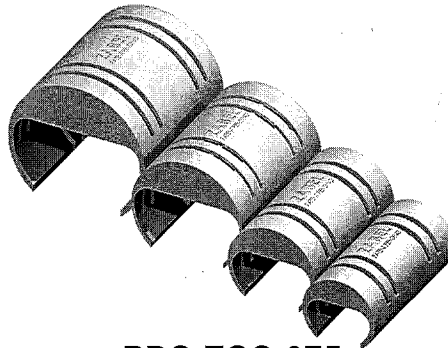


PDS-CV-P-1.0
PDS-CV-P-1.25
PDS-CV-P-1.5
PDS-CV-P-2.0

Grommets

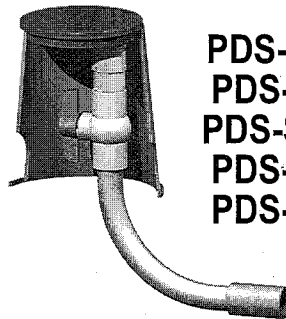
PDS-GT-0.5 PDS-GT-2.0
PDS-GT-1.0 PDS-GT-3.0
PDS-GT-1.25 PDS-GT-4.0-35
PDS-GT-1.5 PDS-GT-4.0-40

Orifice Shields

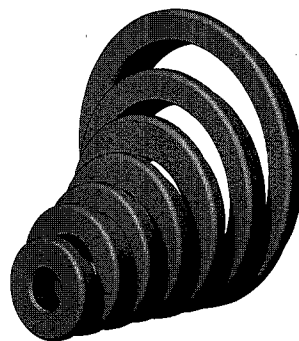


PDS-ZOS-075
PDS-ZOS-100
PDS-ZOS-125/150
PDS-ZOS-200

Sweep Assemblies



PDS-SA-075
PDS-SA-1.0
PDS-SA-1.25
PDS-SA-1.5
PDS-SA-2.0



Hole Saw Chart

Grommet Size	1/2"	1"	1-1/4"	1-1/2"	2"	3"	4"
Hole Saw Size	1-5/16th	1-3/4"	3"	3"	3"	4"	5"

Specifications

Ball Valves

PDS-DV-4-4-2, PDS-DV-4-4-3,
PDS-DV-4-4-4, PDS-DV-4-6-2,
PDS-DV-4-6-3, PDS-DV-4-6-4,
PDS-DV-4-6-5, PDS-DV-4-6-6

Inlet hubs: 1.25"
Outlet hubs: 4 outlet = 1.5", 6 outlets = 1"

Features

- Easy turn handles
- Quick disconnect feature

Check Valves

PDS-CV-B-1.25; PDS-CV-B-1.5;
PDS-CV-B-2.0

Available in 1-1/4", 1-1/2" & 2" sizes

Features

- Brass valves are threaded

PDS-CV-P-1.0; PDS-CV-P-1.25;
PDS-CV-B-1.5; PDS-CV-B-2.0

Available sizes 1, 1-1/4", 1-1/2" & 2" sizes

Features

- Plastic valves are slip/slip

Grommets

PDS-GT-0.5, PDS-GT-1.0, PDS-GT-1.25,
PDS-GT-1.5, PDS-GT-2.0, PDS-GT-3.0, PDS-GT-4.0-35,
PDS-GT-4.0-40

Available sizes 1/2", 1, 1-1/4", 1-1/2", 2", 3" & 4"

Features

- Hole saw size printed on back of each grommet
- 4" grommet available in either SDR 35 or SCH 40

Orifice Shields

PDS-ZOS-075; PDS-ZOS-100;
PDS-ZOS-125/150; PDS-ZOS-200

Available sizes 3/4", 1", 1-1/4"/1-1/2" & 2"

Features

- Protects drainfield orifices from dirt, sand and gravel
- Easily snaps on pipe
- 1/8" wide slots

Sweep Assemblies

PDS-SA-075, PDS-SA-1.0, PDS-SA-1.25,
PDS-SA-1.5, PDS-SA-2.0

Available sizes 3/4", 1", 1-1/4", 1-1/2" & 2"

Features

- Provided clean out access to pressure distribution lines

PRODUCT WARRANTY

Distribution Valves - 2 Year
See page 50 for details.