

## **Burnewiin Drain Management**

Feb 18, 2009

The following shows a method of adding a drain management system to the bottom of a Burnewiin Mount. The suggested 7" length of the large PVC tube allows adequate depth for the Burnewiin knives.

The configuration of tees or elbows and the length of the 1" PVC tube are dependent on the specific installation.

Following each Image is the specifics of the part. Each part can be easily ordered from <http://www.mcmaster.com> using the included information.

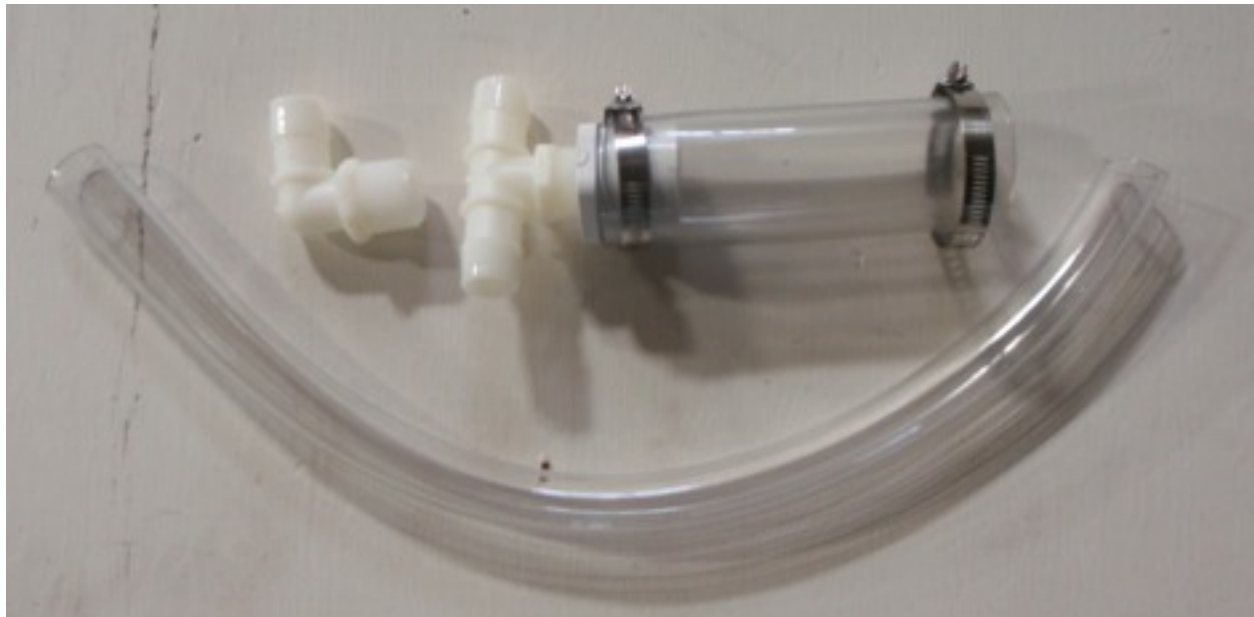
This is a great company and will supply overnight service at a better price than we can.

If you have any problems we keep a limited inventory of these parts but the prices will be higher.

Prices and availability from the McMaster-Carr may vary from this document.

Burnewiin is finishing development of a very nice proprietary system to replace these parts. It should be available mid 2009. We hope this is an adequate solution for now.

### **System Components**



## 7 Inch length to accommodate Burnewwin Knives

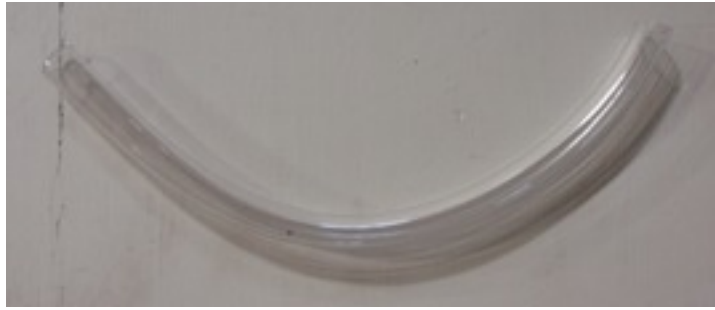


Part Number: [5233K49](#) 1-19 Ft. \$4.68 per Ft.  
20 or more \$3.77 per Ft.

Type	Masterkleeer PVC Tubing
Material	PVC
Shape	Single Line
Outside Dia.	2-3/8" (2.375")
Inside Dia.	2"
Wall Thickness	3/16" (.1875")
Available Lengths	2, 5, 10, and 20 feet
Reinforcement	Unreinforced
Color	Clear
Maximum Pressure	16 psi @ 73° F
Operating Temperature Range	-45° to +165° F
Bend Radius	11-3/4" (11.75")
Durometer	67A (Soft)
Tensile Strength	2,450 psi
For Use With	Air, Beverage, Food, Water
Sterilize With	Gas, Steam (autoclave)
Specifications Met	United States Food and Drug Administration (FDA)
FDA Specification	CFR21 175.300
Compatible Fittings	Barbed

**Caution** McMaster-Carr does not guarantee chemical compatibility because many variables can affect the tubing. Ultimately, the consumer must determine chemical compatibility based on the conditions in which the product is being used.

## Length depends on installation



Part Number: [5233K72](#) 1-49 Ft. \$1.12 per Ft.  
50 or more \$0.91 per Ft.

Type	Masterkleer PVC Tubing
Material	PVC
Shape	Single Line
Outside Dia.	1-1/4" (1.25")
Inside Dia.	1"
Wall Thickness	1/8" (.125")
Available Lengths	10, 25, and 50 feet
Reinforcement	Unreinforced
Color	Clear
Maximum Pressure	20 psi @ 73° F
Operating Temperature Range	-45° to +165° F
Bend Radius	5-1/8" (5.125")
Durometer	67A (Soft)
Tensile Strength	2,450 psi
For Use With	Air, Beverage, Food, Water
Sterilize With	Gas, Steam (autoclave)
Specifications Met	United States Food and Drug Administration (FDA)
FDA Specification	CFR21 175.300
Compatible Fittings	Barbed

**Caution** McMaster-Carr does not guarantee chemical compatibility because many variables can affect the tubing. Ultimately, the consumer must determine chemical compatibility based on the conditions in which the product is being used.



Part Number: [2974K175](#) \$10.13 per Pack of 10

**Shape** Elbow, Pipe to Tube Adapter  
**Pipe to Tube Type** Male Pipe x Tube 90° Elbow Adapter  
**Elbow Type** Pipe to Tube Male 90° Elbow  
**Barbed Tube Fitting Type** Single-Barbed  
**Pipe to Tube Connection** NPT Pipe x Barbed Tube  
**System of Measurement** Inch  
**Pipe/Thread Size** 1"  
**For Tube ID** 1"  
**Material** Nylon  
**Color** White  
**Maximum Pressure (psi)** 150  
**Maximum Pressure Note** Maximum pressure is rated at 72° F.  
**Temperature Range** -60° to +175° F  
**For Use With** Air, Drinking Water (Potable), Food, Hydraulic Fluid, Water  
**Tubing Material Detail** Use with PVC and polyurethane tubing with a hardness of Shore A 75-80.  
**Vacuum Rating** Not Rated  
**Sterilize With** Steam (Autoclaving)  
**Specifications Met** National Sanitation Foundation (NSF)  
**NSF Specification** NSF 51, NSF 61  
**Note** Clamps are required.



Part Number: [2974K195](#) \$10.13 per Pack of 10



Shape Tee, Pipe to Tube Adapter  
Pipe to Tube Type Male Pipe x Tube Branch Tee Adapter  
Tee Type Pipe to Tube Male Branch Tee  
Barbed Tube Fitting Type Single-Barbed  
Pipe to Tube Connection NPT Pipe x Barbed Tube  
System of Measurement Inch  
Pipe/Thread Size 1"  
For Tube ID 1"  
Material Nylon  
Color White  
Maximum Pressure (psi) 150  
Maximum Pressure Note Maximum pressure is rated at 72° F.  
Temperature Range -60° to +175° F  
For Use With Air, Drinking Water (Potable), Food, Hydraulic Fluid, Water  
Tubing Material Detail Use with PVC and polyurethane tubing with a hardness of Shore A 75-80.  
Vacuum Rating Not Rated  
Sterilize With Steam (Autoclaving)  
Specifications Met National Sanitation Foundation (NSF)  
NSF Specification NSF 51, NSF 61  
Note Clamps are required.



Part Number: [4880K209](#) \$1.53 Each

Shape Bushing  
Bushings Type Reducing Hex Bushing  
Pipe to Pipe Connection NPT Female x Pipe (Spigot)  
System of Measurement Inch  
Schedule 40  
Pipe/Thread Size 1-1/2" reduced to 1"  
Material PVC  
Color White  
Maximum Pressure Note Not rated for maximum pressure.  
Temperature Range Up to 140° F  
Specifications Met American Society for Testing and Materials (ASTM), National Sanitation Foundation (NSF)  
ASTM Specification ASTM D1784, ASTM D2466  
NSF Specification NSF 61  
WARNING Never use plastic pipe fittings with compressed air or gas.



Part Number: [5011T21](#) \$14.16 per Pack of 10

Clamp Type	Worm Drive
Worm Drive Clamp Type	Standard
Band Material	Stainless Steel
Stainless Steel Band Material Type	316 Stainless Steel
Screw/Bolt Material	Stainless Steel
Stainless Steel Screw/Bolt Material	Type 316 Stainless Steel
Clamp ID Range, In.	1-13/16" to 2-3/4"
Clamp ID Range, Mm	46 to 70
SAE No.	36
Operating Temperature Range	-50° to +250° F
Band Width	1/2"
Band Thickness	.023"
Torque, in.-lbs.	35
Reusable?	Yes
Specifications Met	Society of Automotive Engineers (SAE)
SAE Specification	SAE J1508
Note	Not recommended for use with silicone hose and tube.
Installation Instructions	Tighten with a wrench, slotted screwdriver, or 5/16" hex nutdriver.