



**VALLEY** 

The Leader in Precision Irrigation

# CableGuard™ Products



- RELIABLE
- DURABLE
- PRECISE
- ADVANCED
- RESPONSIVE



# CableGuard Products



## Safeguard your investment with cable theft deterrent products from Valley.

Copper theft is, unfortunately, a crime owners of irrigation equipment are dealing with. Valley offers a full line of products aimed to deter the theft of copper cable and protect your investment. The products range from those that make removing the cable extremely difficult to a system that can alert you when a theft may be occurring. Working together with your Valley dealer, you can mix and match products to design a custom solution that fits your budget and provides theft deterrence.



Cable Armor with stainless steel flashing and flange cover

## Cable Armor

Cable Armor is designed to provide span cable protection with options that allow you to protect all the copper cable on your machine. With Cable Armor you deter theft by making it extremely difficult to remove the cable.

When Cable Armor is properly installed you have the maximum defense against cable removal.

### Key Features

- Steel flashing is attached to the pipe with heavy-duty 12-gauge straps every 5 ft. with 5/8" bolts and locknuts
- The steel flashing fits between the couplers and truss mounts on any diameter pipe
- A special 12-gauge steel flange cover (with closed ends) protects the cable as it passes over the flange

## Motor Lead Protection

### Key Features

- 11-gauge shield bolted to leg with 1/2" bolts in 4 places
- Heavy Duty steel flashing on basebeam held with 12 gauge straps



Motor lead protection

Towerbox to span flashing kit



## Complete Coverage Kits

Flexible steel conduit kits are available to protect span cable between:

- The tower box and the span flashing
- The control panel and J-Pipe
- The collector ring and the span flashing
- The tower box and the ARAS box
- The motor lead between the booster pump box and the booster pump



## GSM CableGuard Monitor

The GSM CableGuard Monitor is a voice and a text message (SMS) dialing system used to monitor the cutting of span cable, machine power, and safety circuit status. The phone utilizes a SIM card to store phone numbers or to set customized operating parameters.

The intelligent monitor can record up to four different messages and is capable of sending them to up to 10 different phone numbers. Each alarm input is equipped to enable a pre-recorded voice message, a text message (SMS), or both if the alarm is triggered. Additional control outputs can be utilized to engage a strobe light, siren, etc.

### Key Features

- Built-in GSM digital cellular modem (GSM service is required)
- 4 monitor inputs – Cable Cutting, Machine Power, Safety/Run, and Tamper Alert
- 4 recorded voice messages (10 seconds maximum for each alarm input)
- Memory stores up to 10 different telephone numbers (Called in the event of an alarm condition)
- Specific phone numbers can be called when an alarm event occurs
- 12-volt battery for short seasonal downtimes
- Solar power option available

## Span Cable Clamps

Valley Heavy-Duty Span Cable Clamps are designed to install on Valley flanges for pipe diameters ranging 5" – 10" with 8, 10, and 12-gauge wire options. By attaching the cable at the flanges of the span it creates a solid attachment that makes it difficult to strip the cable from the span. This type of cable protection is made of three parts; the flange mount, steel shim, and a U-bolt with lock nuts. The cable clamps can augment traditional means of securing the cable.

### Key Features

- Universal bolt pattern allows for easy installation on Valley pipe flanges
- Heavy-duty U-bolts firmly secure the cable at each span
- Steel shims protect the span cable from being damaged due to over-tightening



## Flexible Steel Conduit

This conduit adds additional protection to the span cable and makes cutting the cable more difficult and time consuming. It is placed over the entire span cable and held in place with stainless steel bands spaced every 48 inches or less (shims are not required).

### Key Features

- Provides an added deterrent for span cable cutting and theft
- Utilizes Heavy-Duty Stainless Steel Banding to anchor the conduit to the span pipe
- Steel electrical connections bring the conduit and span cable into the tower box



## Span Cable Repair Kit

If vandalism to your span cable does occur, Valley provides Span Cable Repair Kits so you can repair the cable where the cut has occurred instead of replacing the entire span cable. Kits are available for all Valley span pipe diameters.

### Kit Includes

- Junction tower box
- Strain relief connectors
- Two bolt half clamps and hardware

## Stainless Steel Banding

The Heavy-Duty Stainless Steel Banding can be used in place of the conventional means of securing the cable and can be spaced at the discretion of the producer allowing for it to be customized. With the labor required to remove the banding from the span cable, this product can be thought of as “too laborious” for theft.

### Key Features

- Determine your level of deterrence and install the desired number of bands per span. The closer the bands are spaced, the more they deter would-be thieves.
- Shims are installed under each stainless steel band to protect the wire.
- Bands are installed at any desired position on the pipe and on any diameter of irrigation pipe.
- Banding provides visible theft deterrence.
- Can be used in combination with other solutions for additional deterrence.



Conserving Resources. Improving Life.  
28800 Ida St  
Valley, Nebraska 68064  
Phone: 402-359-2201 (Ext. 3415)  
Fax: 402-359-4429  
E-mail: [irrigation@valmont.com](mailto:irrigation@valmont.com)

International Fax: 402-359-4948  
E-mail: [vintl@valmont.com](mailto:vintl@valmont.com)

[www.valleyirrigation.com](http://www.valleyirrigation.com)

See your local authorized Valley Dealer for complete details.



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