

# BD Loops

We're on the Installer's Side



Used for saw-cut installations where a 3/16" groove is cut into the **concrete or asphalt** and the wire is stuffed and sealed (using loop sealant) into the groove. Custom **polyethylene outer jacket** protects a micro-dusted nylon coated inner jacketed **16AWG stranded wire**. The saw-cut loop has a **built in backer-rod** securely fitting a 3/16" saw-cut groove eliminating the need to apply backer-rod to hold the loop to the bottom of the saw-cut groove and requires 30-40% less loop sealant to seal the groove. Both the **loop and the lead-in fit within a 3/16" saw-cut groove** preventing wasted time spent double saw-cutting or doubling blades to cut the home run lead-in.

## We have the perfect sized loop for every gate:

Standard size loops ship same day as long as the order is received by 3:30 PM PST.

Driveway width		Recommended loop size		BD Loops part #		
Residential	Commercial	Residential	Commercial	20ft lead-in	50ft lead-in	100ft lead-in
8-10ft	-	3x3	-	SC 12-20	SC 12-50	-
8-10ft	-	3x4	-	SC 14-20	SC 14-50	-
8-10ft	-	3x5 or 4x4	-	SC 16-20	SC 16-50	-
9ft	-	4x5 or 3x6	-	SC 18-20	SC 18-50	-
10ft	-	4x6 or 3x7	-	SC 20-20	SC 20-50	-
12ft	10ft	4x8	6x6	SC 24-20	SC 24-50	SC 24-100
14ft	12ft	4x10	6x8	-	SC 28-50	SC 28-100
16ft	14ft	4x12	6x10	SC 32-20	SC 32-50	SC 32-100
-	16ft	-	6x12	SC 36-20	SC 36-50	SC 36-100
-	18ft	-	6x14	-	SC 40-50	SC 40-100
-	20ft	-	6x16	SC 44-20	SC 44-50	SC 44-100
-	24ft	-	6x20	SC 52-20	SC 52-50	SC 52-100

Custom sizes also available - call local distributor for pricing and delivery

# Blade width and Groove Depth

How much of a difference can they make?

## 32' Loop with 15' of Lead-in



1/4" Groove Width  
2 1/2" Groove Depth  
Loop wrapped by hand  
Takes: 5.3 liters of sealant to fill.

(6) 30oz Tubes of Sealant to fill the groove.



3/16" Groove Width  
1 1/4" Groove Depth  
With a BD Loop  
Takes: 1.4 liters of sealant to fill.

(2) 30oz Tubes of Sealant to fill the groove.



Cutting at the proper depth and width can yield significant savings in loop sealant. In this example cutting 1 1/4" depth vs. 2 1/2" results in 66% Savings in Loop Sealant!

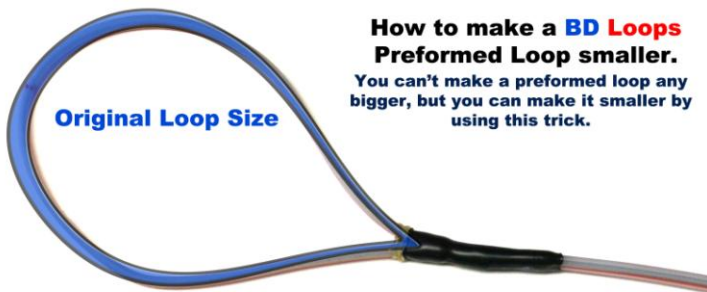
**At \$21 per tube this would be a \$84 savings for One Loop alone!**



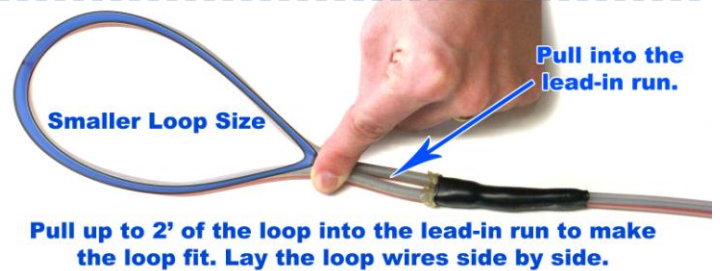
*Polyurethane Saw-Cut Loop Sealant with Flat 3/16" Sealant Tip*

### Polyurethane has many advantages:

- Does not shrink or crack—it does not have an evaporation cure like most other sealants.
- Does not conduct electricity—water based sealants can facilitate shorts to ground.
- Has a low viscosity (flows easily) is easier on your hand, and is self leveling.
- Can be cleaned up with rubbing alcohol.
- 30oz Tubes—most rubber and water based products come in 28oz tubes. **BD-LG** has 7% more sealant.



**How to make a BD Loops Preformed Loop smaller.**  
You can't make a preformed loop any bigger, but you can make it smaller by using this trick.



**Pull up to 2' of the loop into the lead-in run to make the loop fit. Lay the loop wires side by side.**

## V-Cut Yoke – The best way to install the yoke area.

Example of a V-Cut Yoke



**V-Cut Yoke**

### V-Cut Yoke

A wider groove is needed for the yoke (area where the loop meets the lead-in). Drop the blade twice to make a "V" cut, the V cut should be 1 1/2" wide at its widest point and 8"-10" in length. When sealing the yoke, place a layer of sealant below the yoke, lay the yoke into the "V" Cut groove and then cover the yoke with sealant. **Sealing the yoke this way will**

**fully encapsulate the yoke in sealant and provides an additional layer of protection for your saw-cut loop.** Do not bend or crush the yoke area, this could damage the water tight seal.