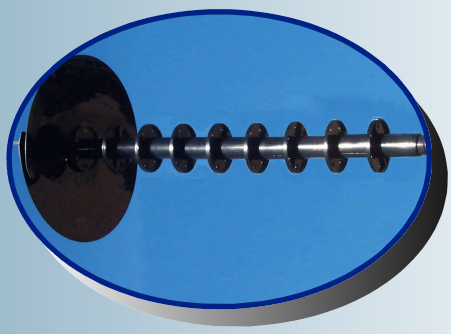
E/GETAWAY GUARD™

An energized and de-energized applied polycarbonate barrier to prevent inadvertent contact by animal and birds on distribution and substation equipment.



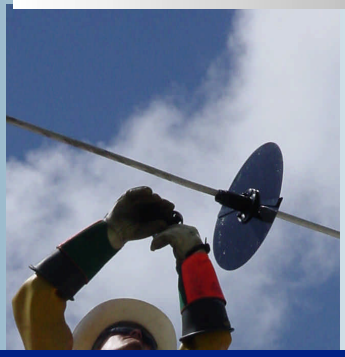
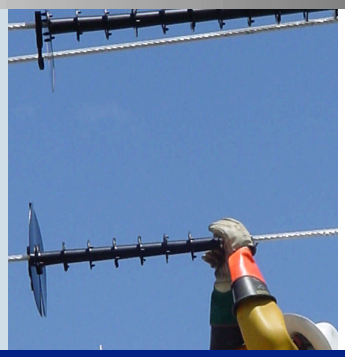
The **E/GETAWAY GUARD™** is designed to reduce the risk of animal induced outages in open-air substations by preventing climbing animals, such as squirrels, access through the overhead power lines.

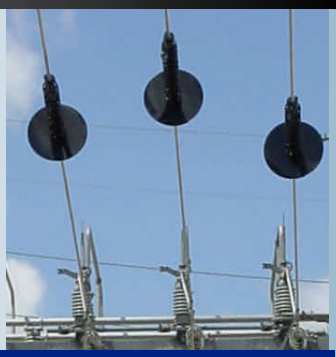
For the most effective animal control program, use **E/GETAWAY GUARD™** on each overhead power line, guy wire and cable conductor entering the substation.

The only patented method on the market, the **E/GETAWAY GUARD™** consist of 1 large disc assembly and 9 small discs.

The first disc and last disc are stationary and the remaining 8 smaller discs are designed to allow for a free rotation, making it virtually impossible for a squirrel to enter the substation. Installation is quick and easy, and can be one de-energized or by hot stick on energized lines.

E/GETAWAY GUARD™ is made with a UV, flame and arc resistive material designed to withstand virtually all weather conditions and are designed to be environment-proof for long-term protection.



Properties

Specific Gravity(ASTM D-792)	1.2
Water Absorption %, 24 hours (ASTM D-570)	0.15

Thermal

Deflection Temp, 264 psi (ASTM D-848)	157F
Coefficient Thermal Expansion (ASTM D-648)	3.75x10
Flammability, UL 94	HB
Glass Transition Temp., F	176
Forming Temp., F	25-330

Optical

Light Transmission, Clear (ASTM D-1003)	80
Reflective Index (ASTM)	1.57

Mechanical

Tensile Strength, psi (ASTM D-638)	9,000
Tensile Modulus, psi (ASTM D-638)	945x10
Flexural Strength @ 5% Strain, psi (ASTM D-790)	12x10
Flexural Modulus, 125", psi (ASTM D-790)	345x10
Izod Impact Notched, 125 @73 (ASTM D-256)	12.16
Drop Dart Impact, 250 @ 73 (ASTM D-3763)	53
Rockwell Hardness, R Scale (ASTM D-785)	118

ORDERING INFORMATION

E/Getaway Guard
Order #: **E/GETAWAYGUARD**

Includes: (2) Large Half Disc, (2) Clamps, (15) Small Discs, (6) Push in Plugs

MIDSUN

E/Getaway Guard™

An applied polycarbonate barrier to prevent access to substations via overhead lines.

New modifications for the E/Getaway Guard increase reliability and longevity.

Threaded rod was to close to clamp forcing the cable to put pressure on front end of jaw.

Upper cavity of clamp had a step up crevice which weakened the yellow circled area.

Old Style

Threaded rod centered 1/8th relieving pressure from front end of jaw and allowing cable to rest in crevice.

Upper cavity of clamp rounded out increasing thickness of yellow circled area and increasing strength.

New Style

Large disk was solid causing wind to put pressure on E/Getaway Guard and causing clamps to slide or disk top break.

Large disk is slotted to allow wind to flow through and relieve pressure on E/Getaway Guard.

E/GETAWAY GUARDS™, combined with other products provides the Utility Engineer formidable ammunition to mitigate animal outages.

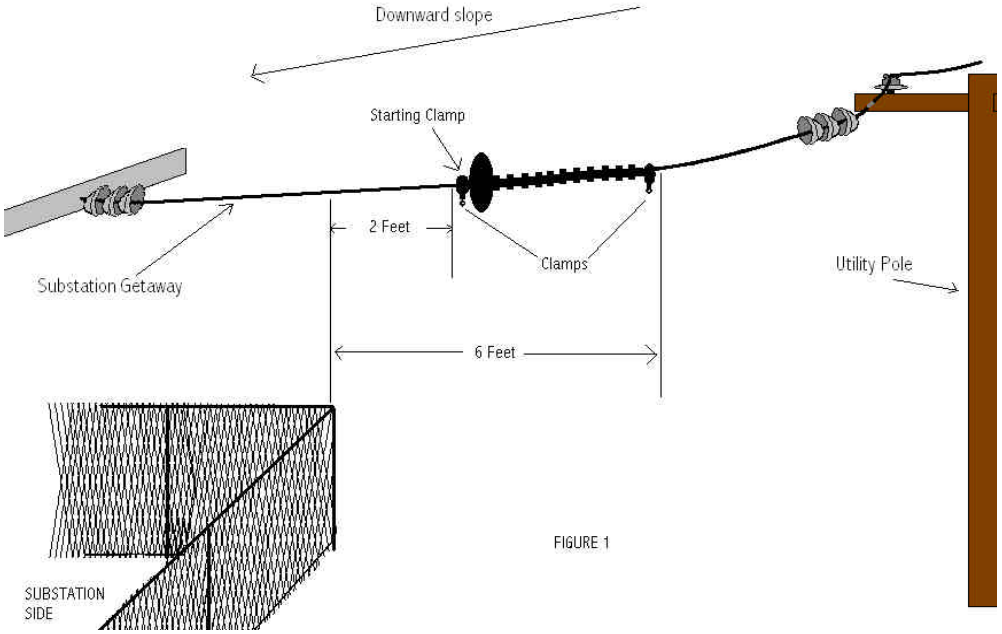


FIGURE 1

Getaway Guard De-Energized Installation Instruction

1. Begin by placing the starting clamp on the downside slope of the overhead get away line. (See Figure 1)
   - **a.** The starting clamp should be positioned far enough away to account for the four(4) foot length of the getaway barrier plus a minimum two(2) foot distance from the substation fence line. It is always prudent to situate the starting clamp so that the assembly will be installed outside the substation fence.
2. Assemble large disk and collar assembly: (See figure 2)
   - **a**. This is achieved by pushing retaining pin through large disk.
   - **b.** Then making sure the collar halves are together, line half of the large disk with retaining pins to the openings of the collar and push retaining pins through the collar.
3. Once Large Disk Collar Assembly is assembled, split opening so that assembly fits around the overhead line diameter, face large disk towards the substation and snap assembly together and run forward to butt up against clamp.
4. Next take the remaining eleven(11) collars and snap them together around the line and push forward so that each collar nestle together one inside the other.
5. Final step take the only remaining clamp and place it on the line allowing a 1/8 to 1/4 inch space from the final collar to allow for free rotation of the discs.

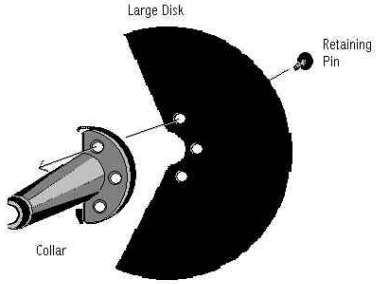


Figure 2