

SpanGuard™ EHV 115kV+ Power Line Marker



36-inch SpanGuard EHV Power Line Marker



SpanBrite nighttime option



Clamshell assembly



Helicopter installation

SpanGuard EHV power line markers are made of durable ABS with a special coating and other features for installation on power lines up to 230 kV (24" diameter marker) or 345 kV (36" diameter marker).

SpanGuard EHV Applications

While non-EHV markers have been installed on lines up to 135 kV, corona damage over several years often leads to discoloring, burning, and melting. Atmospheric contaminants and other environmental factors can accelerate the degradation process. For this reason, P&R Technologies recommends that SpanGuard EHV markers be installed on energized lines above 115 kV. The markers are available in international orange, yellow, or white.

For high temperature lines up 500 kV, see our SpanGuard AL aluminum markers.

Spiral Preform Attachment

SpanGuard EHV markers are securely attached to the conductor with spiral formed armor rods. Armor rods are matched at time of order to the specific size, type, and diameter of line.

SpanBrite™ Nighttime Option

SpanBrite reflective tape is an option that makes the marker visible up to 2500 feet away at night, typically near small airports and hospitals.

SpanGuard EHV Assembly & Installation

SpanGuard EHV power line markers are easy to install on the ground or from a bucket, and they are ideally suited to installation by helicopter. This makes it possible to install markers on otherwise inaccessible lines across rivers or deep canyons, or where it is not feasible to take the line out of service.

The markers can be largely assembled on the ground in a "clamshell" configuration with the spiral preform in place. In the air, the preform is ready to wrap around the line and only the three bolts closest to the installer need to be installed.

SpanGuard EHV Ordering Information

SpanGuard EHV power line markers are a custom, made-to-order product. Please contact us directly to place an order. Note that a purchase order is required to establish your place in the production schedule.