

The Safety Rider Specifications

1. General description:

Safety Riders of required lengths are constructed using the interlocking middle and the end cap modules. The standard footprint dimensions of each module are 35.5" by 19.5". The end caps are square with the similar footprint as middle modules. The weight of the middle modules is 36 lbs, the end cap modules are 33 lbs.

Each unit is bolted to a paved road surface using six lag bolts 3/8" dia. through a plastic shield installed in the road surface.

2. Dimensions of the modules:

- width 35.5" (+/- 1/16")
- length 19.5" (+/- 1/8")
- thickness 2.25" (+/- 1/8")

3. Dimensions of the Safety Rider:

(The length of Safety Rider is adjustable)

- width 35.5"
- length: as required by 19.5" increments
- height: 2.25"

4. Material:

Compression molded 100% recycled rubber composite

5. Physical properties:

- tensile strength: minimum 500 psi
- shore hardness: minimum 70A
- specific gravity 1.1-1.5

6. Marking:

Rubber modules are available in black with yellow or white in-molded reflective tape

7. Installation method:

- each module is affixed to the pavement with six zinc plated steel lag bolts 3/8" x 4", plastic polypropylene shields and 3/8" zinc plated steel washers supplied with the modules
- 9/16" diameter holes are drilled through the holes in the modules into a paved road.
- the plastic shields are installed in the mounting holes
- the lag bolts are inserted into mounting holes and tightened (do not over tighten the bolts)

8. Installation tools:

- chalk line, measuring tape, heavy duty hummer drill, 9/16" dia. by 10" long carbide tip drill bits, 11/16" drive socket with a power tool, portable blower, utility knife, crow bars
- additional bolts, shields, and washers can be purchased from GNR Technologies

9. Warranty:

A three (3) year warranty on the product and a 1 year warranty on the tape is provided on all Safety Rider components installed as per the manufacturer's installation instructions.