

## Product specification sheet

**Product Name:** "Safety Rider V" (Rubber Speed Hump)

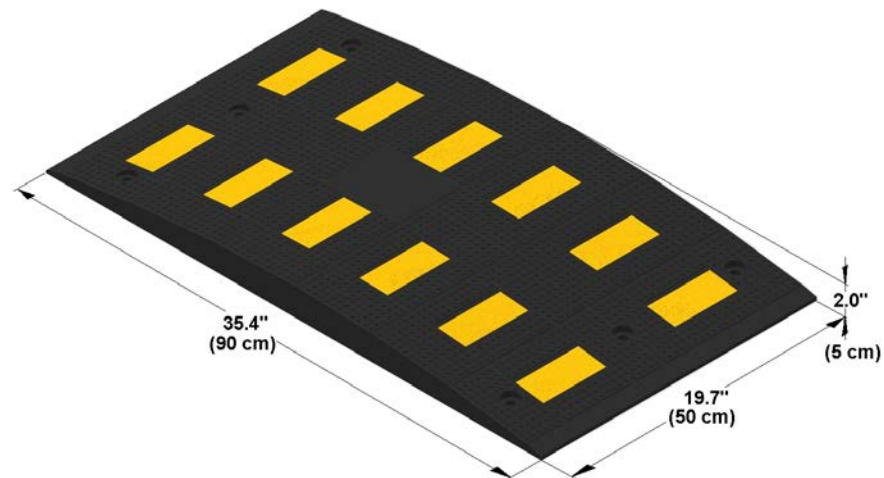
**Manufacturer:** GNR Technologies Inc.  
990 Upton, LaSalle, QC H8R 2T9  
Tel.: (514) 366-6116, Fax: (514) 366-6440

**Product Description:**

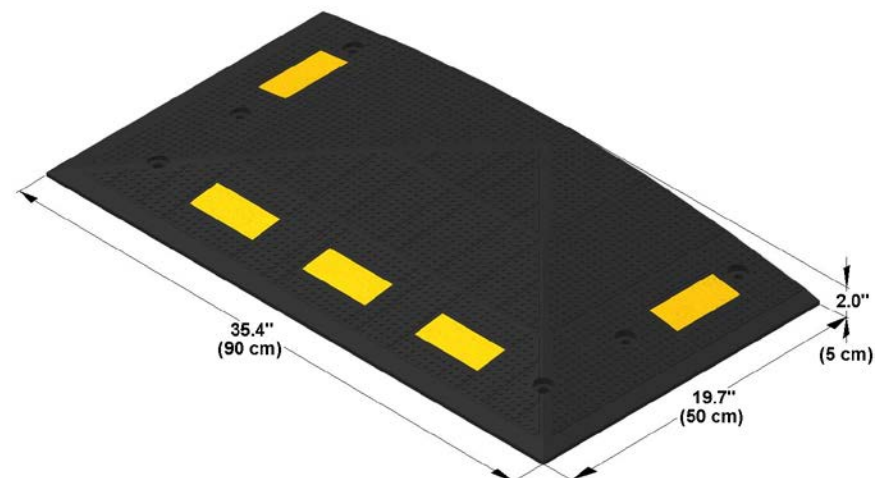
Modular "Safety Rider V" Rubber Speed Hump is constructed from three different interlocking modules: middle unit, left end cap (with female interlocking recess) and right end cap (with male interlocking extension). The nominal footprint dimensions of each module are 35.4" (90 cm) by 19.7" (50 cm). The nominal thickness of each module is 2" (5 cm). The end caps have the same footprint as the middle modules. The weight of each middle module of the "Safety Rider V" is 36 lbs (16.3 kg). The weight of end cap modules is 32 lbs (14.5 kg).

The "Safety Riders V" speed hump middle and end cap modules are outfitted with reflective yellow tape for increased visibility.

**Middle module:**



**End Cap module:**



**Installation method:** Each module of the "Safety Rider V" can be installed on asphalt or concrete pavements with six special zinc plated steel bolts 3/8" (10 mm) diameter and 4" (105 mm) long, plastic shields 9/16" (14 mm) diameter 3" (80 mm) long and zinc plated steel washers (supplied with the product) as per following simple installation steps:

**Step 1:**

Determine installation position of the modules and sweep the installation surface to ensure it is clean.

**Step 2:**

Drill holes with diameter of 9/16" (14 mm) and 3.5"-4" (90-100 mm) deep in the installation surface through the product's installation holes using a hammer drill and a carbide drill bit.

Next, remove the Safety Rider modules and clean just drilled holes to ensure they are free from dust and debris. Then insert the plastic plugs in the holes.

Next, re-position the modules over holes made in the installation surface.

**Step 3:**

Insert the bolts and steel washers into product installation holes and tighten every element. Do not over-tighten the bolts.

**Installation tools:**

- Measuring tape
- Heavy duty hammer drill
- 14 mm carbide tip drill bit
- Ratchet or a power tool to screw down the installation bolts
- Wrench with extension drive for bolt installation
- Hammer for installation of the plastic shields
- Broom for cleaning installation surface
- Portable blower or vacuum cleaner for cleaning installation holes from dust and other debris
- Gloves, safety goggles
- Traffic cones, barricades or other means to secure the workplace

**Product Specifications:**

1. Material: compression molded recycled rubber

2. Physical properties of the product:

- a) Density 0.6 oz/cu in [1.04 g/cm<sup>3</sup>] (ASTM C642)
- b) Shore Hardness 65A ± 7 (ASTM D2240)
- c) Minimum Tensile Strength 500 psi [3.5 MPa] (ASTM D412)
- d) Coefficient of thermal expansion: 8 x10<sup>-5</sup> in/in/°F [14 x10<sup>-5</sup> cm/cm/°C] (ASTM C531)

3. Nominal dimensions:

- width (perpendicular to traffic direction) 19.7" (+/- 1/8") [90 cm +/-3mm]
- length 35.4" (+/- 1/8") [50cm +/- 3mm]
- thickness 2" (+/- 1/8") [5 cm +/- 3mm]

4. Finishing: Black with reflective yellow tape

**Warranty:**

A three (3) year warranty is provided on the product and a one (1) year warranty on the tape, as per the manufacturer's installation instructions.