



Justrite Safety Group

Product Specification Sheet

Product Name: **Safety Rider® Mini Speed Hump**

Manufacturer: NoTrax®, Justrite Safety Group/GNR
5655 West 73rd St.
Bedford Park, IL 60638
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Product Description:

Modular Safety Rider® mini 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" by 19.7". The nominal thickness of each module is 2". The end caps have the same footprint as the middle modules. The weight of each middle module is 36 lbs. The weight of end cap modules is 33 lbs.

The Safety Rider® speed hump middle is outfitted with reflective yellow tape for increased visibility. End cap is solid black.

Product Specifications:

1. Material: compression molded composite of recycled rubber and polyurethane binder.

2. Physical properties of the rubber composite:

a) Density	0.6 g/cu. in	(ASTM C642)
b) Durometer Hardness	70A ± 7	(ASTM D2240)
c) Minimum Tensile Strength	500 psi	(ASTM D412)
d) Compression deformation	7% at 70psi, 68°F	(ASTM D575)
e) Brittleness at Low temperature:	-40°F	(ASTM D746)
f) Freeze and thaw when exposed to deicing chemicals	no loss after 50 cycles	(ASTM C672)
g) Coefficient of thermal expansion:	8 x10 ⁻⁵ in/in/°F	(ASTM C531)
h) Weathering 70 hours at 158°F		(ASTM D573)
- hardness retained	100% (± 5%)	
- compressive strength	100% (± 5%)	
- tensile strength	100% (± 5%)	
- elongation retained	100% (± 5%)	

3. Dimensions:

Middle Speed Hump

width:	19.7 inches (+/- 1/8 inches)	500.38mm (+/- 3mm)
length:	35.4 inches (+/- 1/8 inches)	899.16mm (+/- 3mm)
height:	2 inches (+/- 1/8 inches)	50.8mm (+/- 3mm)



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End Cap Speed Hump

width:	19.7 inches (+/- 1/8 inches)	500.38mm (+/- 3mm)
length:	35.4 inches (+/- 1/8 inches)	899.16mm (+/- 3mm)
height:	2 inches (+/- 1/8 inches)	50.8mm (+/- 3mm)

4. Finishing: Middle - Black with molded in yellow durable reflective tape

Installation Method:

Each module can be affixed to the pavement with six special zinc plated steel lag bolts 3/8" x 6" shields and 3/8" zinc plated steel washers supplied with the modules.

All modules need to be assembled in required speed hump row. The 9/16" diameter holes 5.5"-6" deep are drilled through the holes in the modules into the paved road.

The modules are removed and the holes are cleaned to ensure they are free from dust and debris.

Then the shields are installed in the mounting holes flush with the surface of the pavement. After repositioning the modules over the mounting holes, the lag bolts with flat washers are inserted into mounting holes and tightened. The bolts should not be over tightened!

Both ends of the Safety Rider rubber speed hump middle modules row should be protected from excessive wear and tear by the end cap units.

Warranty:

A three (3) year warranty is provided on the rubber composite and 1 year on the reflective tape if the product is installed as per manufacturer's installation instructions.

Safety Rider® rubber speed humps are intended to be used for traffic calming on light traffic streets like residential streets, parking lots, etc.

Safety Rider® can withstand only sporadic truck or bus traffic allowed on such streets.

Both ends of the Safety Rider® rubber speed hump middle modules row should be protected from excessive wear and tear by the end cap units.

Any other applications including installations in heavy truck traffic areas could be considered outside manufacturer warranty.

Any warranty claims will be assessed by the product manufacturer after adequate information is provided.

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