

True leaders do not follow
...they lead the way



WHAT IS THE S2000 ROAD STUD?

Far beyond a basic signaling device, it is a trusted and high-visibility solution designed to enhance traffic safety across diverse settings. Made from state-of-the-art materials and featuring a contemporary design, this road stud delivers exceptional performance even in the harshest conditions.

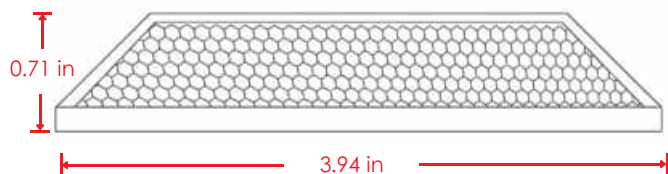
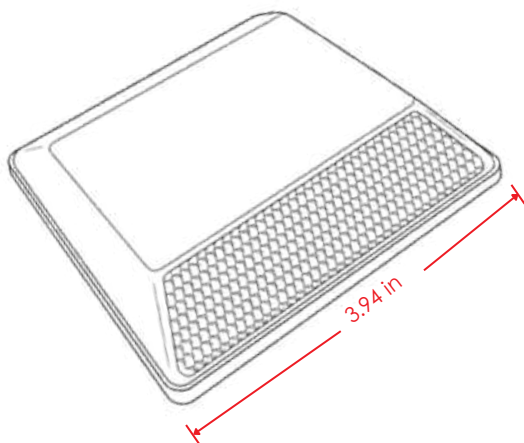
Its sleek, low-profile construction integrates seamlessly with the pavement while remaining highly visible where it matters most, ensuring drivers notice it in time—day or night.

Features

- Contemporary design: Visually stands out on the road surface, ensuring clear driver guidance.
- Premium reflectors: Crafted from prismatic methyl methacrylate, delivering outstanding retroreflective performance for superior night visibility.
- Seamless design: A single-piece body with no sharp edges, safer and more user-friendly.
- Exceptional strength: Built to endure impacts, wear, deformation, and harsh climates without compromising performance.
- Multi-application use: Perfect for highways, avenues, streets, and construction zones.
- Fast installation: Designed for safe, efficient placement.



Dimensions and other measurements
are nominal and may vary by $\pm 2\%$



Technical specifications

Material:	Polycarbonate		
Approx. total weight:	2.75 oz		
Overall dimensions:	Length: 3.94 in, Width: 3.94 in, Height: 0.71 in		
Color:	Silver, red and amber		
Base inclination angle:	31°		
Body material:	Acrylic		
Reflector material:	High-impact methyl methacrylate		
Reflective surface per side:	3.10 in ²		
Number of sides:	1-2 (max.)		
Effective contact surface:	15.50 in ²		
Deformation resistance:	71,100 psi with 0.08 in deformation		
Specific weight:	0.038 lb/in ³		
Softening temperature:	212 °F		
Modulus of elasticity:	406,000 psi		
Dielectric strength:	560 V/mil		
Penetration hardness:	Rockwell M: 115		
Compression resistance (10-ton load):	None		
25-ton. load:	Max. 2-edge fractures		
Tensile strength:	4,835 psi minimum		
Elongation:	11.0 mm maximum		
Shore "A" hardness:	Minimum 75 points		
Dimensional change %:	0%		
Impact resistance:	217 ft-lb		
Retroreflectivity: 590 ft between vehicle and reflector, 82 ft between vehicle and reflector	$\beta h = 0^\circ \text{ to } 1.5^\circ \rightarrow \beta h = 3.5^\circ$		
Reflection (mcd/lux):	New	After six months	%
590 ft between vehicle and reflector	109	73	67
82 ft between vehicle and reflector	37	22	60
Abrasion resistance:	Max. loss: 15%		