



Product specification

Euro NCAP Global Vehicle Target

Soft Car 360[®]



The Soft Car 360 is a lightweight, durable, and collapsible whole vehicle target that serves the perfect ADAS testing solution when paired with a VRU platform.

Suitable for use with passenger cars and heavy-duty vehicles, the Soft Car 360 separates into lightweight parts on impact, minimizing the risk of damage to test vehicles.

Available in hatchback, sedan, and micro versions, the hatchback has been adopted as the Global Vehicle Target (GVT) for Euro NCAP ADAS testing.



Euro NCAP approved hatchback



Foam body structure beneath photo-realistic vinyl skins



Aerodynamically stable for testing at up to 120 km/h with GST 120



Ability to perform ADAS tests at a closing speed of 144 km/h



Full wheel foam pieces with corner reflectors



Less than 8 minutes build time



Radar reflective material in bumpers, doors and hood



Radar absorbing material underskirts



Panels encase breakaway radio and GPS antennas



Hatchback, sedan and micro versions available

Specifications

	Hatchback	Sedan	Micro
Dimensions			
Length	4023mm	4928mm	2794mm
Width	1712mm	1854mm	1524mm
Height	1427mm	1473mm	1473mm
Weight	108kg	118kg	79kg

Performance			
Maximum speed at which target is stable	120km/h	80km/h	80km/h

Supported sensor testing			
Ultrasonic	Yes	Yes	Yes
Mono/stereo camera	Yes	Yes	Yes
Lidar	Yes	Yes	Yes
Radar	Yes	Yes	Yes

Compliance			
Euro NCAP approved	Yes	No	No
ISO 19206-3:2021	Yes	No	No

Taillights add-on	
Running lights	On during normal operation in low light
Brake lights	Brighter than running lights
Signal lights	Left & right amber turn signals



About DRI

DRI is an AB Dynamics Group company that has provided research and testing services to the world’s leading vehicle manufacturers and suppliers for over 40 years. Today, we provide year-round dynamics, ADAS, and K&C testing services from our California proving ground. We also offer comprehensive human factors research services, and have developed a world-leading range of surrogate ADAS targets.

For more information: www.dynres.com | info@dynres.com

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