

RADAR TYRES PRODUCT TESTING

ACCESSIBLE PREMIUM PERFORMANCE



DIMAX R8+ | DIMAX 4 SEASON | DIMAX ALPINE | DIMAX ICE

RADAR[®]
TYRES



PRODUCT TESTING

Radar Tyres is a design-driven brand, offering safety, performance and sustainability for all. Our products are engineered without compromise and rigorously tested against premium brands to ensure that drivers get optimal performance and safety they can count on all year round. Our products undergo a comprehensive testing regime, across different testing facilities in the world. UTAC in Europe is one of many facilities that we utilise to independently test our products. The highly trained and experienced drivers at UTAC push our tyres to their limits in their uncompromising tests on snow, ice, wet and dry asphalt in both outdoor tracks and indoor test facilities. This helps our R&D team to develop products that provide similar performance and safety aspects as any premium tyre manufacturer.

TESTING FACILITIES

UTAC is a market-leading international group in digital & sustainable mobility, customisable testing solutions, customisable testing systems, vehicle engineering, type approval, regulatory expertise, certification, training, corporate events and classic & sportscars festivals. They provide services and systems to customers in various industries including automotive, transport, tyre, petrochemical, agriculture and defence industries. It is independent and impartial in everything it does.

Formed in 2021 after UTAC CERAM and Millbrook merged their operations, they operate test centres across France, UK, USA, Finland, Morocco and Germany; and have subsidiaries in China, Korea and Japan. They employ around 1,300 people globally.



TESTING METHODOLOGY

PREMIUM BRANDS: Continental, Michelin, Nokian, Goodyear and Bridgestone.

VALUE BRANDS: Nexen, Maxis, GT Radial and Giti.

AQUAPLANING: This test procedure consists of acceleration on a wet surface. The vehicle is accelerated to a point where the driven front wheels spin at a speed 10% faster than the vehicle's true speed. This is measured by the GPS sensors & Data logging equipment.

DRY BRAKING: This test procedure consists of driving the vehicle at 100 km/h on dry asphalt, then applying brakes. The distance covered by the car between 100 km/h and 5 km/h is measured by precise GPS sensors & Data logging equipment. The measurements are not done all the way till 0 km/hr to reduce the spread of the results and therefore improve the reliability.

WET BRAKING: This test procedure consists of driving the vehicle at 100 km/h on wet asphalt, then applying brakes. The distance covered by the car between 100 km/h and 5 km/h is measured by precise GPS sensors & Data logging equipment. The measurements are not done all the way till 0 km/hr to reduce the spread of the results and therefore improve the reliability.

WET HANDLING: This test procedure consists of driving the vehicle for multiple laps on a wet asphalt track and evaluating its handling performance. The main objective of this test is to measure the time taken for the vehicle to do a high-speed lap on a wet circuit. It also measures the amount of control the driver has on the vehicle.

SNOW BRAKING: This test procedure consists of driving the vehicle at 30 km/h on compacted snow, then applying brakes. The distance covered by the car between 30 km/h and 5 km/h is measured by precise GPS sensors & Data logging equipment. The measurements are not done all the way till 0 km/hr to reduce the spread of the results and therefore improve the reliability.

SNOW ACCELERATION: This test procedure consists of driving the vehicle from 5 to 30 km/h on compacted snow. The acceleration between 5 km/h and 30 km/h is measured by precise GPS sensors & Data logging equipment.

SNOW HANDLING: This test procedure consists of driving the vehicle for multiple laps on compacted snow and evaluating its handling performance. The circuit features challenging sections comprising of tight hair pins and sharp corners.

ICE BRAKING: This test procedure consists of driving the vehicle at 20 km/h on smooth ice, then applying brakes. The distance covered by the car between 20 km/h and 5 km/h is measured by precise GPS sensors & Data logging equipment. The measurements are not done all the way till 0 km/hr to reduce the spread of the results and therefore improve the reliability.

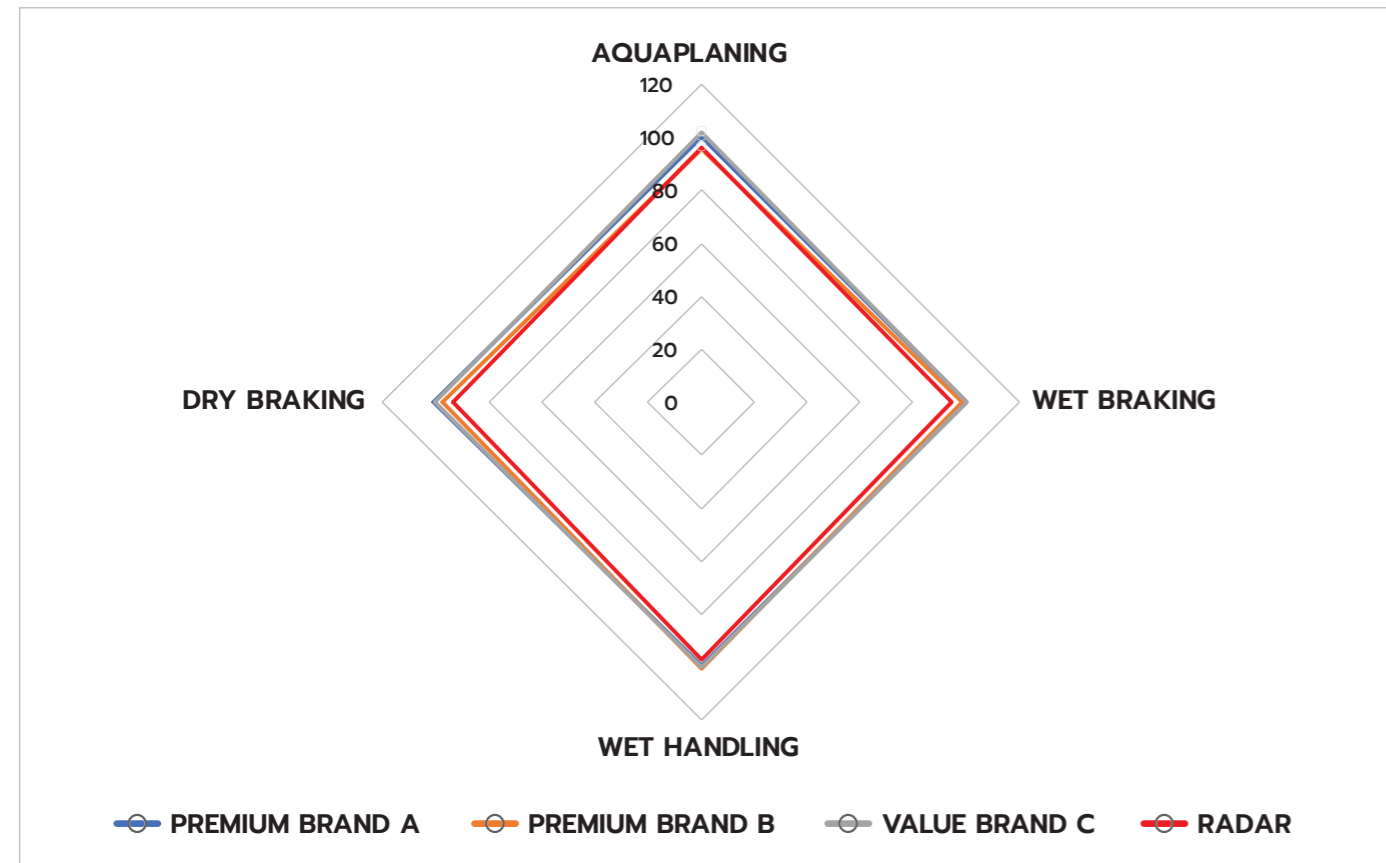
ICE ACCELERATION: This test procedure consists of driving the vehicle from 5 to 20 km/h on smooth ice. The acceleration between 5 km/h and 20 km/h is measured by precise GPS sensors & Data logging equipment.

ICE HANDLING: This test procedure consists of driving the vehicle for multiple laps on rough ice and evaluating its handling performance. The circuit features challenging sections comprising of tight hair pins and sharp corners.

DIMAX® R8+

RELIABLE SAFETY PERFORMANCE IN WET AND DRY CONDITIONS

The Dimax R8+ is a Sport tyre range that is engineered for Ultra High Performance cars and SUVs which demand the best of wet and dry grip, precise handling and comfort.



- Aquaplaning - >95% of premium brands
- Wet Braking - >95% of premium brands
- Wet Handling - >95% of premium brands
- Dry Braking - >93% of premium brands

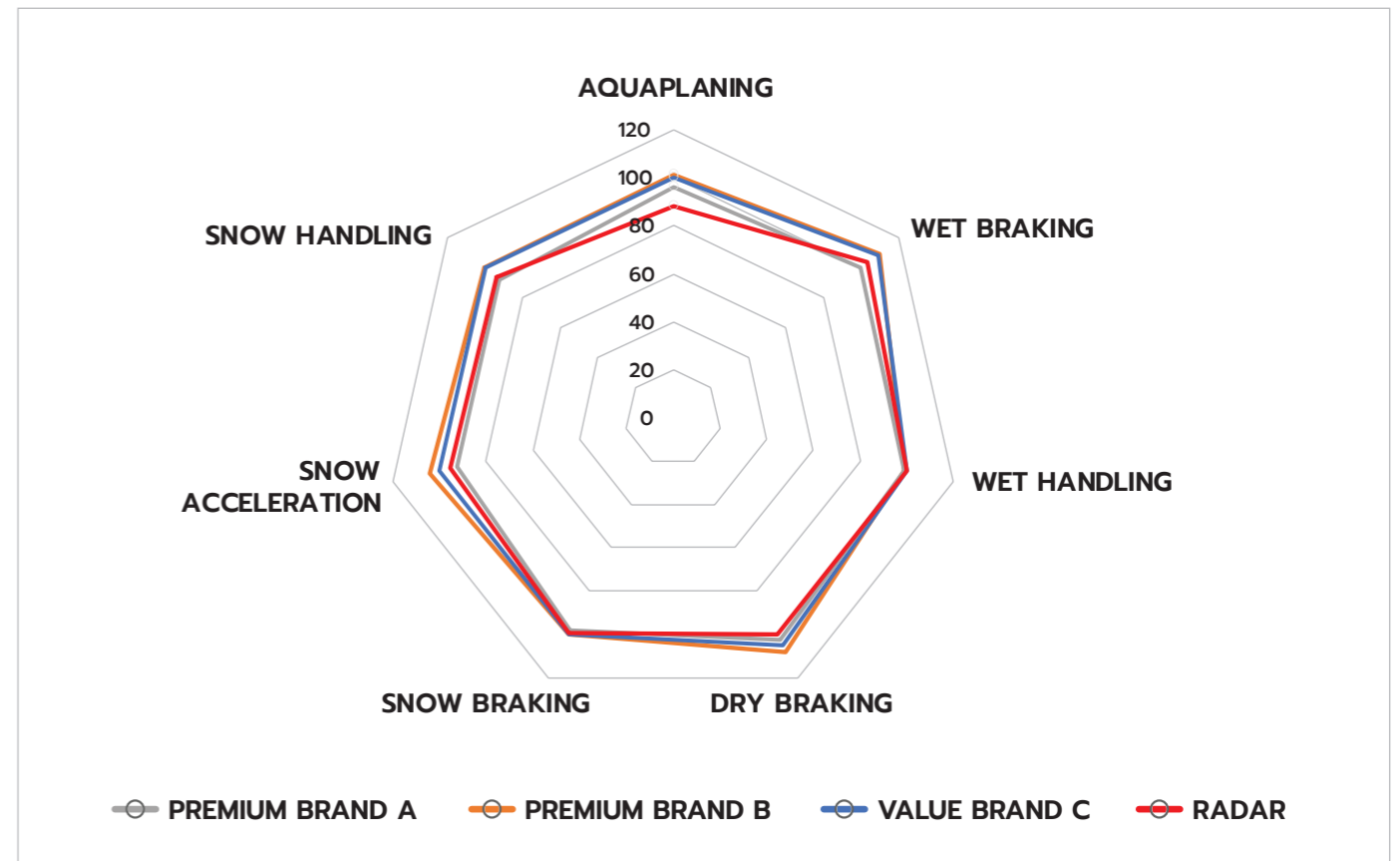
BENCHMARK TYRES: Continental Premium Contact 6 - 225/45R17 94Y XL, Goodyear Efficient Grip Performance 2 - 225/45R17 94Y XL, Maxxis Premitra 5 - 225/45R17 94W XL, Radar Dimax R8+ 225/45R17 94Y XL

TEST VEHICLE: VW Golf 1.5 TSI, Transmission: Front wheel drive/Automatic, Rim Size: 7.5 x 17"

DIMAX® 4 SEASON

SAFETY AND PERFORMANCE EXPERT IN ALL SEASONS

The Dimax 4 Season is an innovative All Season tyre range that is designed to offer performance and safety in both hot summer weather as well as cold winter conditions.



- Aquaplaning - >88% of premium brands
- Wet braking - >93% of premium brands
- Wet handling - better than premium brands
- Dry braking - >93% of premium brands
- Snow braking - >95% of premium brands
- Snow acceleration - >93% of premium brands
- Snow handling - >93% of premium brands

BENCHMARK TYRES: Continental All Season Contact - 205/55R16 94V XL, Michelin Cross Climate 2 - 205/55R16 91V, GT Radial All Season - 205/55R16 94V XL, Radar Dimax 4 Season - 205/55R16 94V XL

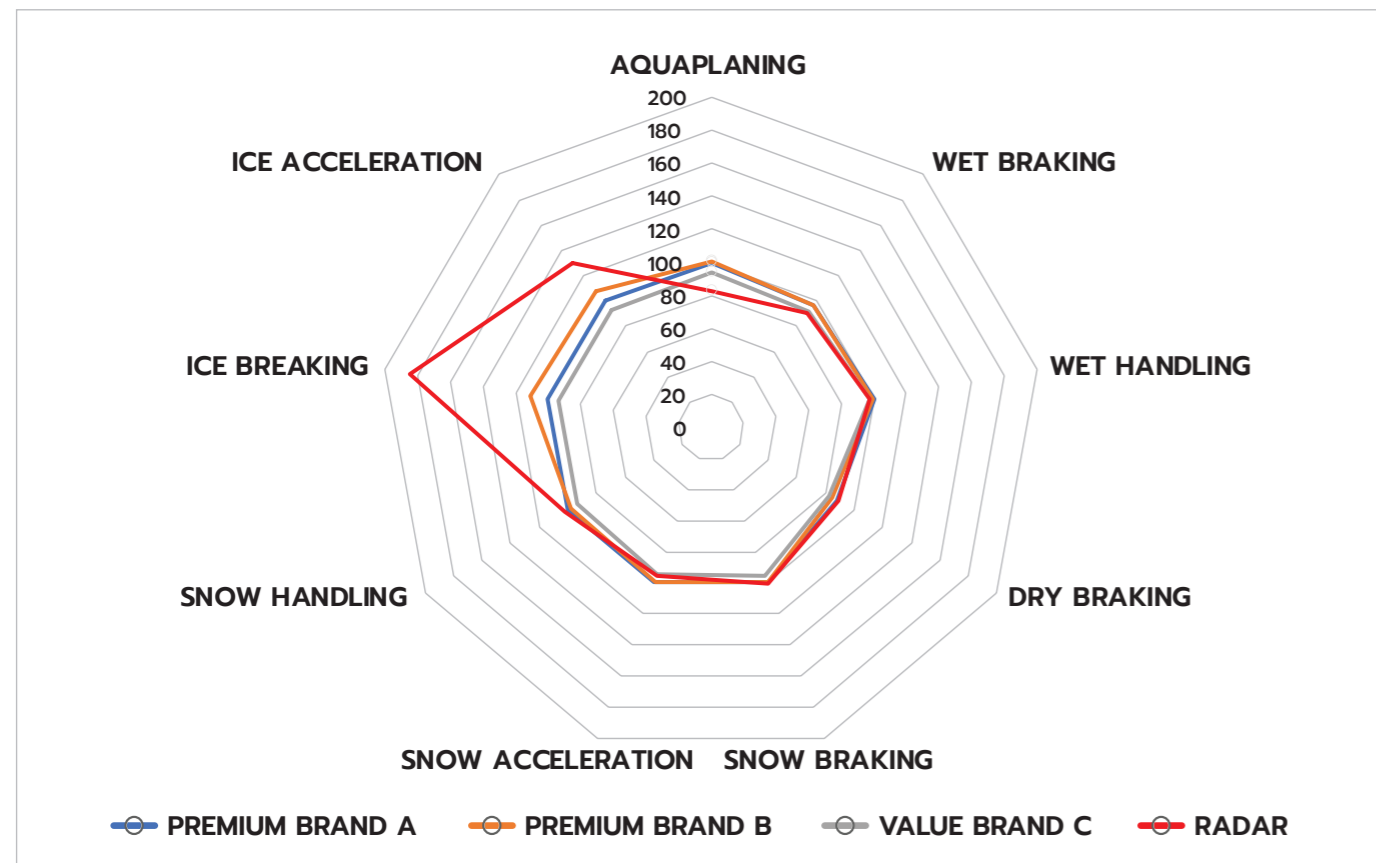
TEST VEHICLE: VW Golf 1.5 TSI, Transmission: Front wheel drive/Automatic, Rim Size: 6.5" x 16"

WINTER ALPINE

DIMAX® ALPINE

OVERALL BRAKING CHAMPION WITH PHENOMENAL WINTER PERFORMANCE

The Dimax Alpine is a winter alpine tyre that has been designed to deliver performance and safety in subzero temperatures.



- Aquaplaning - >82% of premium brands
- Wet braking - >93% of premium brands
- Wet handling - >95% of premium brands
- Dry braking – better than premium brands
- Snow braking – better than premium brands
- Snow acceleration - >95% of premium brands
- Snow handling – better than premium brands
- Ice breaking – better than premium brands
- Ice acceleration – better than premium brands

BENCHMARK TYRES: Continental Wintercontact TS 870 - 205/55R16 94H XL, Bridgestone Blizzak LM 005 - 205/55R16 94H XL, Giti Winter W1 - 205/55R16 91H, Radar Dimax Alpine - 205/55R16 94H XL

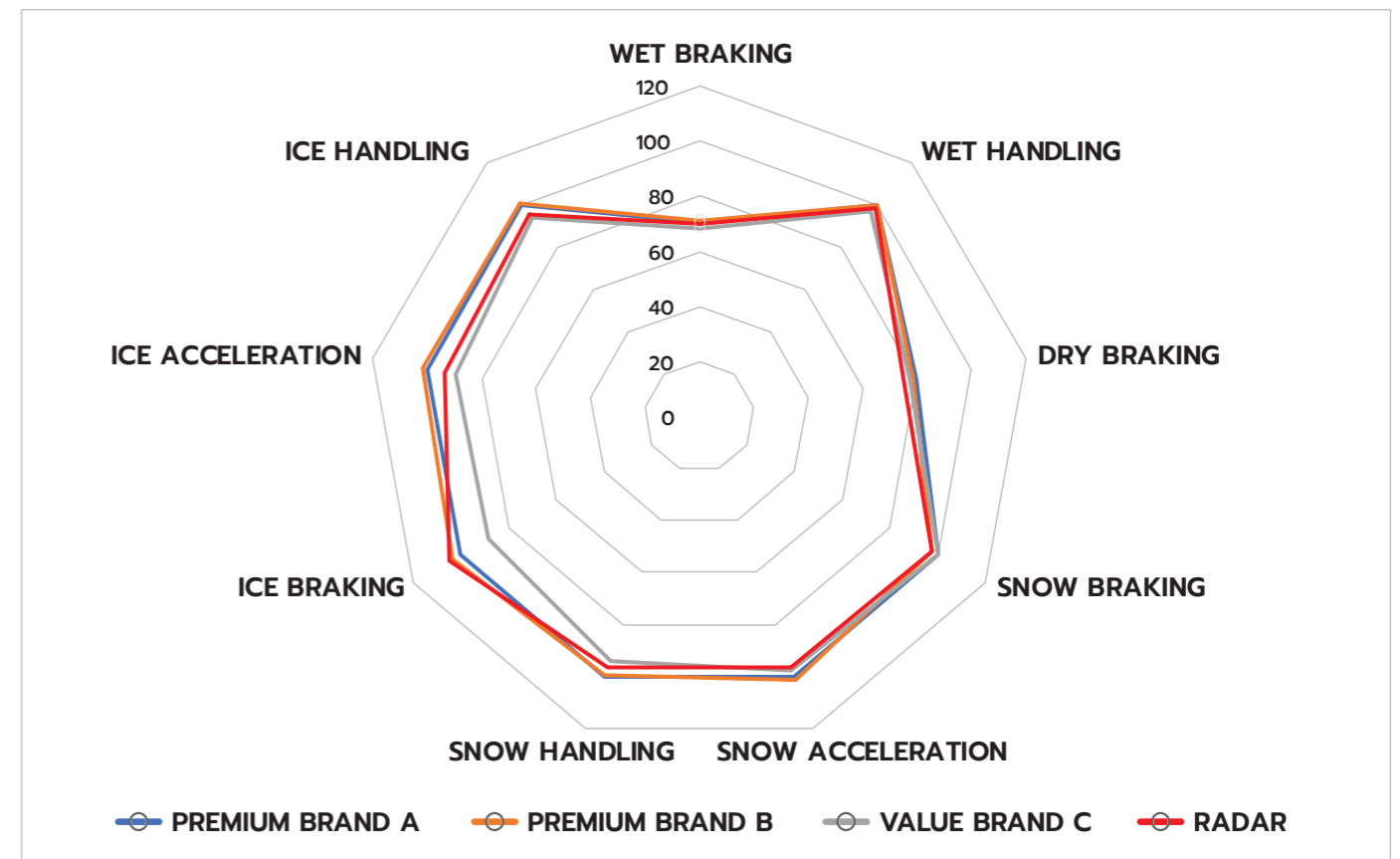
TEST VEHICLE: VW Golf 1.5 TSI, Transmission: Front wheel drive/Automatic, Rim Size: 6.5" x 16"

WINTER NORDIC

DIMAX® ICE

ICE BREAKING CHAMPION WITH OUTSTANDING NORDIC WINTER PERFORMANCE

The Dimax Ice is specifically designed for extreme winter Nordic conditions and features a unique super soft compound that stays grippy even in extremely cold temperatures.



- Wet braking - >95% of premium brands
- Wet handling - >95% of premium brands
- Dry braking - >95% of premium brands
- Snow braking - >95% of premium brands
- Snow acceleration - >95% of premium brands
- Snow handling - >95% of premium brands
- Ice braking - better than premium brands
- Ice acceleration - >93% of premium brands
- Ice handling - >95% of premium brands

BENCHMARK TYRES: Continental Viking Contact 7 - 205/55R16 94T XL, Nokian Hakkapellitta R5 - 205/55R16 94T XL, Nexen Winguard Ice Plus - 205/55R16 91T, Radar Dimax Ice - 205/55R16 94T XL

TEST VEHICLE: VW Golf 1.5 TSI, Transmission: Front wheel drive/Automatic, Rim Size: 6.5" x 16"



OMNI UNITED

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