



Ultimate eye

Ultimate EYE (U-EYE) is the newly developed indoor testing facility by Bridgestone R&D.

U-EYE simulates real-life riding conditions for consistent objective testing.

U-EYE tests and visualizes tyre behaviour in different conditions.



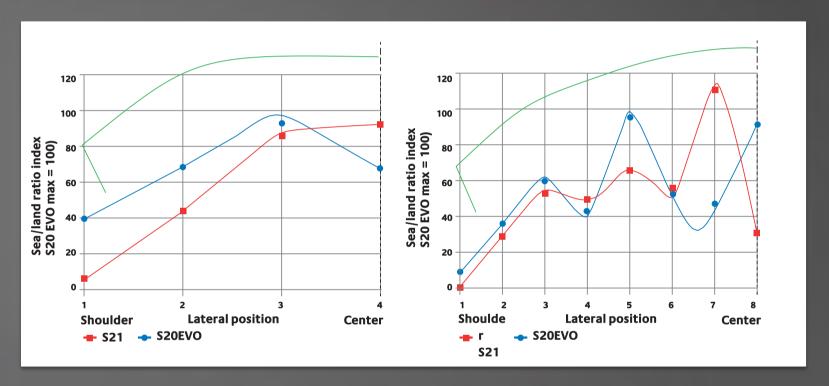






Pattern design

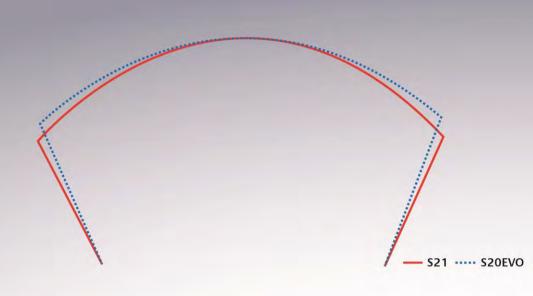
- Aim: Stability and handling + consistent high grip
- ➤ Groove positioning for best combination of sea to land ratio



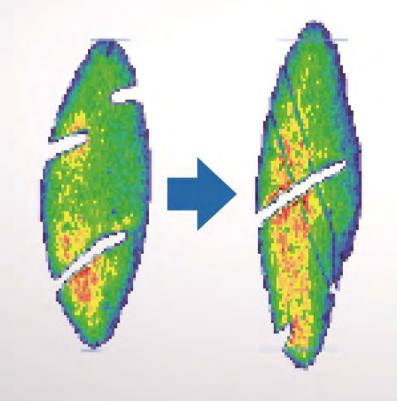
Benefits

- ✓ Stability on front during braking and on rear during acceleration
- ✓ Additional grip in straight line and with lean angle























Smaller Crown profile

Higher camber thrust forces generated with increasing the lean angle.

Contact patch

Better pressure distribution

Construction and Technologies

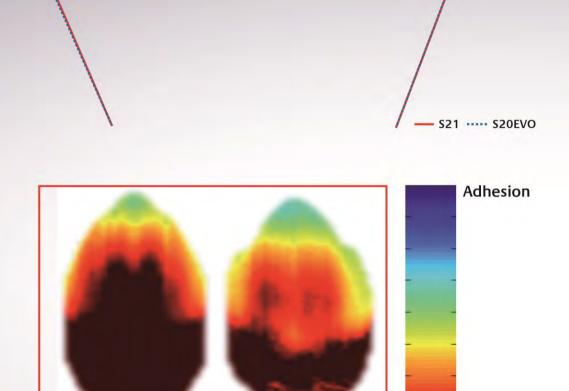
- > 3LC construction
- > high-stiffness bead fillers

Benefits

Better handling and precision without losing the superb neutral feeling.



~30% less slip area







S20EVO









Larger Crown profile

Together with optimized belt construction and groove positioning, it upgrades the rear feeling Increased cornering stability.

Contact patch

30% Less slip area in the contact area

Benefits

- ✓ More adhesion and more grip
- ✓ Less wear due too reduced slip
- ✓ Better traction with controllable feeling





New compound

New shoulder compound to tame the roads and give the right confidence on maximum lean angle.

Benefits

The new compound provides a larger micro contact patch.

- ✓ Higher grip
- ✓ Faster cornering
- ✓ High confidence in any conditions



Track Test data*

Cornering speed data:

	Speed @ A (Entry)	Speed @ B (Exit)	Acc.@ Exit
S20EVO	100	100	100
S21	102	104	117

Lap time comparison:

S20EVO	100%
S21	98,2% Gain 2 seconds on lap time*

Track Conclusions

Higher stability of S21 allows

- ✓ Higher entering speeds
- ✓ Keeping a sharper line
- ✓ Exiting the corner faster with higher speed and acceleration.

*based on a lap of 2 minutes



