



RACING *BATTLAX* **V02**

**New in
2022
NS-SOFT/NS-
MEDIUM**





New Racing Battlax V02F NS-SOFT/NS-MEDIUM

Historical – Step by Step Evolution

The Racing Battlax V02 Line up is continuously improving. Since its introduction, the V02 has received multiple updates to cope with the increasingly demanding bikes and rider requests.

Introduced in 2014, the V02 turned into a successful track day companion with its ease of use and high constant grip performance.

In 2016 the Rear Soft compound was improved to offer a very wide operating range in line with our end-user's requirements.

In 2018 the V02 front took a big step forward in terms of feeling and feedback performance with the introduction of the V-MS-Belt construction.

In 2019 and 2020, 2 new Rear compound options were developed to complete the existing offer with the implementation of the 3LC S/M and a 3LC X/S. The aim was to combining best of both worlds with this dual compound approach and meet rider's needs.

In 2021, with the change of FIM regulation, the SST600 and SSP600 classes allowed for the use of slick tyres. The V02 line up was then expanded, adding 2 options on the rear with the 180/655R17 size dedicated to the high performing bikes with 5.5 inch rims.

In 2022, a new front tyre with a new size, new shape and new construction will be introduced: the Racing Battlax V02F NS-SOFT, and V02F NS-MEDIUM in 120/605R17. A true transfer of technology using our knowledge from our FIM EWC Factory supported teams.





New Racing Battlax V02F NS-SOFT/NS-MEDIUM

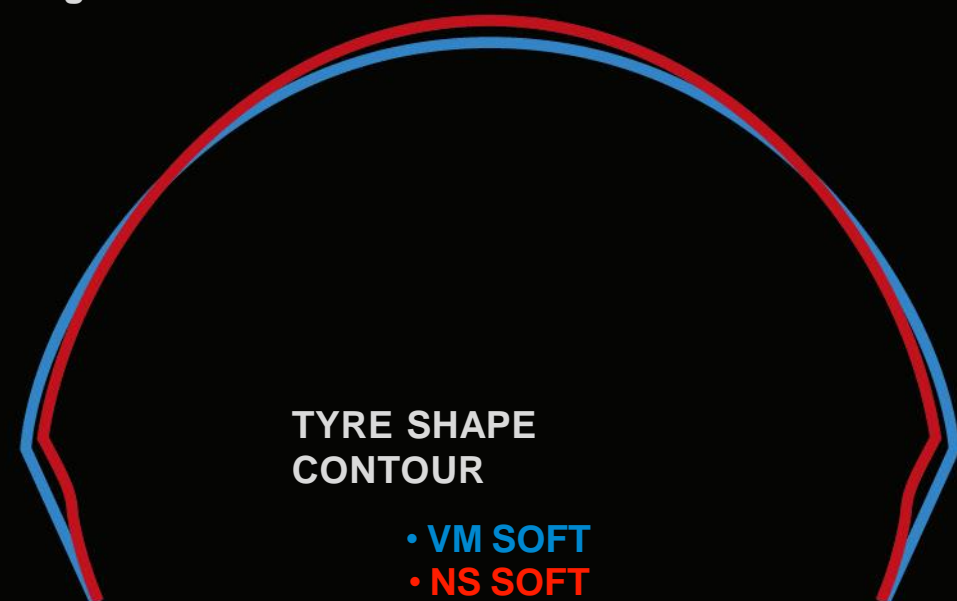
RACE	RACING BATTLEAX V02	RACING BATTLEAX W01	BATTLEAX RACING R11	BATTLEAX CLASSIC RACING CR11
HYPERSPORT	BATTLEAX RACING STREET RS11	BATTLEAX HYPERSPORT S22	BATTLEAX HYPERSPORT S21	BATTLEAX HYPERSPORT BT-016 PRO
SPORT TOURING	BATTLEAX SPORT TOURING T32	BATTLEAX SPORT TOURING T31	BATTLEAX SPORT TOURING BT-023	BATTLEAX BT46
CUSTOM	BATTLECRUISE H50		EXEDRA MAX	
ADVENTURE	BATTLEAX ADVENTURE A41	BATTLEAX ADVENTURE TRAIL AT41	BATTLEAX ADVENTURECROSS AX41	BATTLEAX ADVENTURECROSS SCRAMBLER AX41B
OFF ROAD	BATTLECROSS ESO	BATTLECROSS ESO EXTREME	BATTLECROSS X10 X20 X31 X40	
SCOOTER	BATTLEAX SCOOTER SC2	BATTLEAX SCOOTER SC2 Rain	BATTLEAX SC SC	



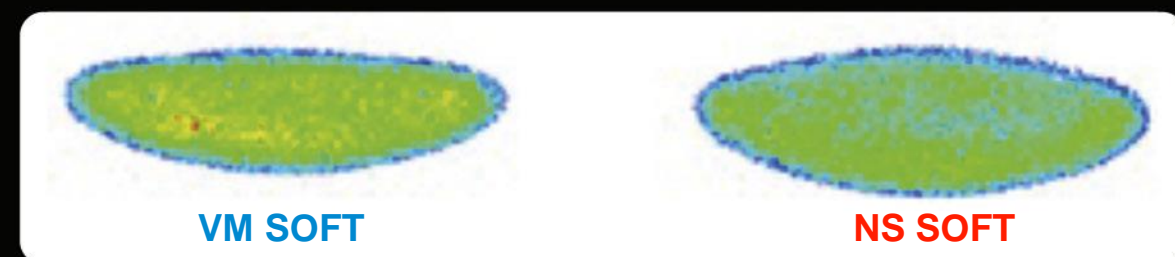


New Shape - Technical info

The first technical aspect of the new V02 front tyre is an updated crown profile with a smaller tread width and a higher overall diameter. The target is clear: creating more contact to enhance grip and feedback in high camber angles.



The contact area was not just improved in the high camber, the V02 NS-SOFT and NS-MED show a contact area increase when loaded in all camber angles vs. its predecessor.



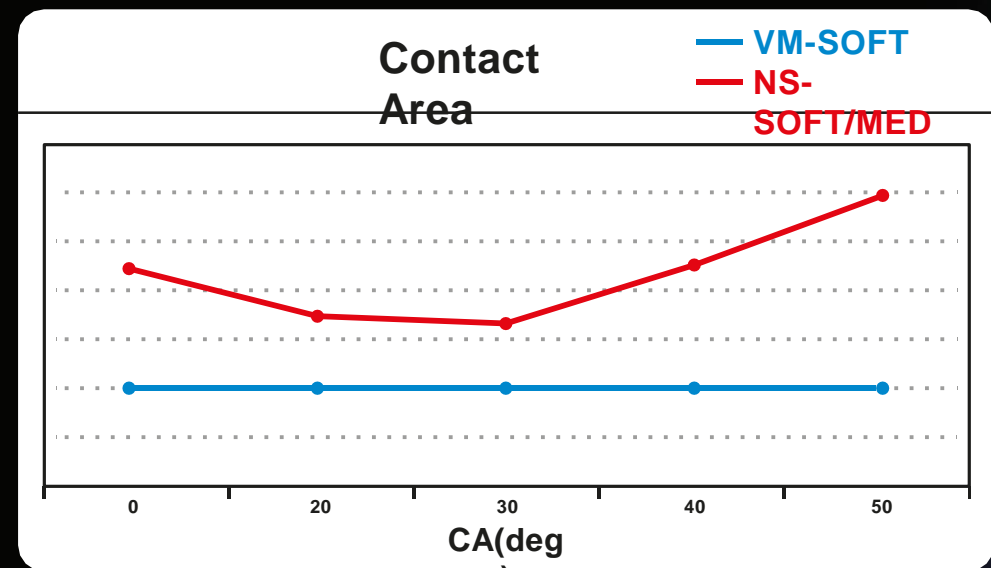
Contact area behaviour at 50° camber angle with 1200N Load and 2.30 bar Pressure



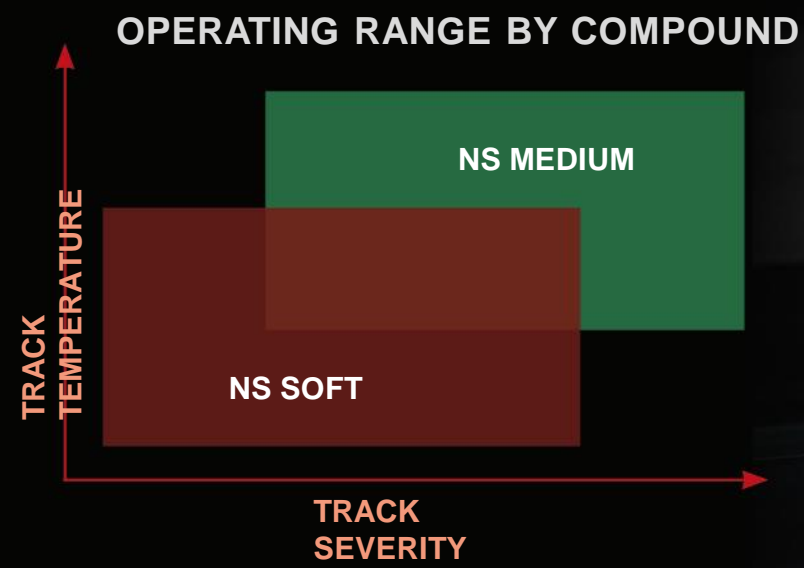


New Shape - Technical info

The average increase of 11% of the contact area over the different camber angles and a peak of 20% bigger contact area in the deep camber angles (50° and more) will drastically increase the front tyre feel and limit behaviour.



The implementation of the new shape, new construction and profile has increased the operating range of the Soft and Medium front compound.





Size Line-up

The V02 NS-Soft and NS-MED are replacing the existing V02 VM-SOFT and VM-MED as of its introduction in 2Q 2021

IPC	PATTERN	TYRE SIZE DESIGNATION	COMPOUND	MEASURED RIM (inch)	APPROVED RIM (inch)	TREAD WIDTH (mm)	OVERALL DIAMETER (mm)	AVAILABLE
FRONT								
28201	V02F	120/605 R17	NS-SOFT	3.50	3.50~3.75	114	606	May-'22
28202	V02F	120/605 R17	NS-MEDIUM	3.50	3.50~3.75	114	606	May-'22

Dimension and data

Specific data for updating racing electronics setting

CAMBER ANGLE (°deg)	OVERALL DIAMETER (mm)	CIRCUMFERENCE (mm)	WIDTH (mm)
0	606	1904	114
15	602	1891	-
30	592	1860	-
45	572	1797	-
55	555	1744	-

Contact & info

For additional information regarding our new Racing Battlax V02F NS-SOFT and NS-MED, please contact your nearest Bridgestone Racing tyre dealer



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