

# ***HybriX<sup>®</sup>***



**SUPERNATURAL**  
**STOPPING POWER**

**metelli**group

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# FROM COPPER-FREE COMPOUND TO NEW FRICTION TECHNOLOGY

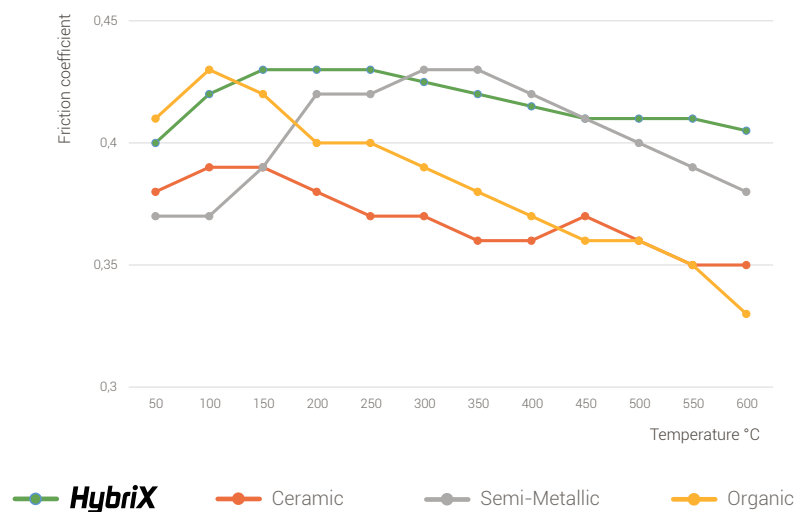
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It's not everyday a manufacturer gets to introduce a new technology brand. In our case it's particularly special as the innovation behind it is setting a new milestone in brake pad history. And, it's based on our own formula.

It began when a group of Fri.Tech. engineers set out to develop a copper-free compound some years ago. But being racing specialists, they wouldn't stop at copper-free. Instead, what they came up with was a unique formula that offers extreme comfort with extreme performance. So, quiet and smooth pedal action – with exceptional stopping power.

## PERFORMANCE IS BOTH TANGIBLE AND PROVEN

Up until now copper-free alternatives have been based on either ceramic, semi-metallic or organic materials. By using a unique hybrid compound of materials from all three categories, HybriX® achieves greater performance with a more natural power curve. This brings smooth effective braking – the supernatural stopping power.



OPTIMAL FRICTION PERFORMANCE  
(EXCEPTIONAL STOPPING POWER)

BETWEEN 10 AND 20  
PERCENT MORE  
DURABILITY

IDEAL PEDAL SENSATION  
(NOT TOO SOFT,  
NOT TOO HARD)

MORE COMFORT DUE  
TO LESS VIBRATION



FREE FROM COPPER AND  
OTHER TOXIC MATERIALS

QUIET PERFORMANCE  
THROUGHOUT THE  
LIFESPAN OF THE PAD

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Made from non-toxic materials, the HybriX® compound is copper-free. It's colour is noticeably less black and more grey.

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# THE MULTIPLE BENEFITS OF STARTING FROM SCRATCH

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For the team of engineers that developed the new technology, Hybrix® was an opportunity to create an entirely new brake pad. So once they achieved the friction qualities they were looking for, they went on to redesign the rest of the pad.

## THE HYBRID BEHIND THE FRICTION

The new compound is a hybrid of over 30 different elements combining the best of semi-metallic, ceramic and organic materials. As a result, the braking surface has a number of benefits beyond its stopping power. When braking, these qualities provide greater comfort and stability for the driver – who will eventually also appreciate the additional durability of the Hybrix® compound.

## ANOTHER LAYER OF IMPROVEMENT

One of the technical improvements to the new design is its underlayer. As well as providing a barrier against heat transfer to the callipers, this is particularly good at reducing vibrations – and noisy braking. And, there is an anti-vibration device assembled directly on the pad.

## SUPER SOLID CONSTRUCTION

Significant improvements have also been made to the metal supports and the mechanical retention system of the pad itself. Based on a matrix of hooks penetrating the friction material, these ensure a firmer, more durable adhesion. As a result, the bonding of the layers is practically indestructible.



## THE POWER OF WORKING WITH NATURE

Hybrix® has achieved the highest level of US certification, guaranteeing a copper content of no more than 0.5 percent. This is noted by the three-leaves symbol (issued by NSF International) and means less harm to people and the environment.

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**AVAILABLE IN METELLI,  
CIFAM, TRUSTING & FRI.TECH.  
AND BACKED BY THE  
ENTIRE METELLI GROUP**

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Hybrix® brake pads are available for more than 1,600 articles – covering 95 percent of the European, American and Asian car parc. This means that soon everyone will drive with brake pads that do less harm to the environment – and without any compromise to brake performance.

And because they are the result of the progressive new investment program within Metelli Group, you can be assured of their quality, supply and our first class sales support in more than 90 countries.

To learn more about Hybrix®, please visit the Metelli Group website.

**metelli**group  
AUTOMOTIVE PASSION





# HybriX®

HybriX® is a technology brand owned and developed by the Metelli Group. It meets the safety demands of ECE R90 and the quality demands of AMECA. Furthermore, it is certified with the three-leaves symbol – issued by NSF International for having a copper-free content (less than 0.5 percent).

HybriX® brake pads are manufactured in Italy and can be found under the following Metelli Group brands:



[www.metelligroup.it](http://www.metelligroup.it)

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