



Skin Technology the innovative layer design with armour

The secret to the extraordinary resistance and durability of Teflon™ Profile is in the detail: the topcoat and midcoat contain unique use of materials that provide special protection. As a result, our new Skin Technology, based on nature's example, heralds in a totally new era in cookware coating.

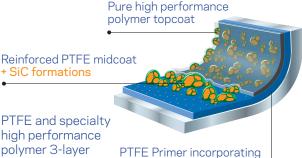
Provides the Lotus-Effect®: topcoat with a specialty high performance polymer

Our specialty high performance polymer in this coating is a further development of the established material polytetrafluoroethylene (PTFE). This polymer is distinguished by its extremely long-lasting nonstick properties and barrier functions. It has been impressing the professional sector, for example on baking trays, for quite some time already. This successful technology is now also available for end consumers.



Unique technology: patent pending



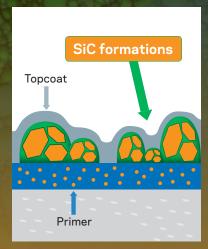


ceramic reinforcements

high performance polymer 3-layer

Provides armour: midcoat with silicon carbide (SiC) particle formations

SiC particles are found in nature, for example in meteorite rock, which is well-known for its tremendous strength. Based on this natural role model, we use such chemically synthesized particles and achieved a result in terms of hardness that is almost equal to that when using diamonds.



The SiC particles aggregate into little formations in the new Teflon™ Profile midcoat through chemical processes, resulting in an innovative surface texture. This texture that you can actually feel not only gives our new nonstick coating its unique look, but also opens up a new dimension in scratch resistance.

Teflon™ Profile -

the latest premium nonstick coating to keep cookware looking good longer.



The Proof

The toughest scratch test for cookware coatings is the CAMUT simulation test - Teflon™ Profile achieved outstanding results.

In this process the material being tested is scratched with a knife, a fork, a spatula and a whisk in a computer-aided measuring station. The condition of the surface is then analysed and rated.



CAMUT scratch resistance test









There were almost no scratches visible at all in the pan with the new Teflon™ Profile coating in direct comparison with a standard coated pan with a smooth surface.





Nature showed us how it's done by proudly showing off its varied range of colours in the plant and animal kingdom. So why not in the kitchen too? Market research shows that colour is important to

consumers. The group discussions as part of the Teflon™ colour research revealed that those surveyed like to add colour accents to their kitchens and therefore prefer coloured cookware.

Three colour options – exactly the right tone for every target group:

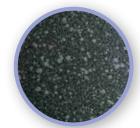
Shark Blue

instantly spreads cheer with its freshness - perfect for anyone who likes things elegant.



Crocodile Black

is understated and timelessly ideal for anyone who likes things classic.



Buffalo Copper

sets trends with shiny copper simply the best for anyone who likes things unusual.



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Further information and downloads: www.teflon.com/Profile

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