

And here is an idea for silver surfaces which is worth its weight in gold:

Micro-layer corrosion protection for metric threaded parts with silver surfaces.



Just a layer of savvy.

Successful micro-layer corrosion protection systems for metric threaded sections with silver surfaces: tried and tested, specified, innovative and now also prize-winning – with Dörken MKS-Systeme, you will always be on the right road.

Why we continue to be tightly bound to quality and efficiency.

As an experienced partner of the automotive industry, we know that the requirements for the quality and efficiency of our products have increased. This is why micro-layer corrosion protection systems for metric threaded sections with silver surfaces are exactly the right solution for everybody who expects more:

As well as our original surface protection, ease of assembly, and temperature and chemical resistance are also vital these days. With the DELTA-PROTEKT® range, Dörken MKS-Systeme demonstrably fulfils

these market requirements – in two ways.

Successful, tried and tested, specified:

The DELTA-PROTEKT® KL 100 basecoat and the topcoats which go with it from the VH 300 range with their OEM (Original Equipment Manufacturer)-specific additional qualities are established in the automotive industry worldwide and are internationally specified. This micro-layer corrosion protection system has been part of standard production for more than ten years, during which time it has more than made a name for itself.

It has become the market standard. DELTA-PROTEKT® KL 100 does everything modern surface protection needs to be able to do. Its diversity in application of all geometric shapes, numerous parts and installations guarantee successful application in practice.

Product fact-file DELTA-PROTEKT® KL 105

Product description	- solvent-based basecoat with integrated lubricant - corresponds to EU 2000/53/EC heavy-metal free of nickel, cadmium, lead, chromium, mercury, molybdenum
Cathodic corrosion protection SST (red rust)*	ISO 10683: > 6 µm: > 600 h ISO 10683: > 8 µm: > 720 h ISO 10683: > 10 µm: > 960 h
Coefficient of friction, DIN EN ISO 16047*	μ_{tot} 0,15 (median value)
Loosening under temperature, VDA 235-203	✓
Multiple screwing	✓
Chemical resistance	good
Curing temperature	240 °C
Temperature resistance, in compliance with VDA 235-104	200 °C

*depending upon geometry, system set-up and application process

Innovative, intelligent, efficient:

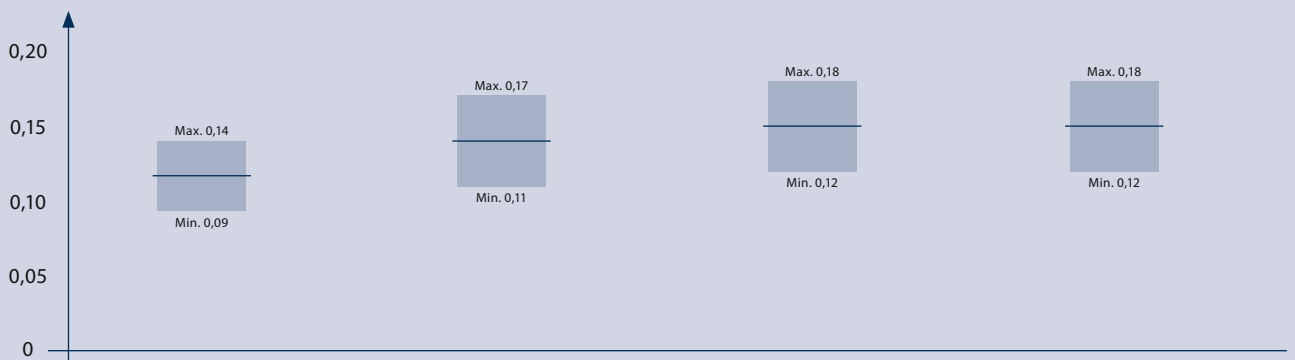
In our case, experience also leads to innovation. With DELTA-PROTEKT® KL 105, this means that you can increase your material and cost efficiency: the winning combination of the best basecoat and top-coat characteristics in just one product. The lubricant included in the basecoat makes the coating process simpler and more efficient, because you don't need any additional sealant and can therefore save a material change. In other words: a genuine innovation, saving you time, money and effort. DELTA-PROTEKT® KL 105 won the German material efficiency prize

and has successfully established itself on all major international markets.

Dörken MKS-Systeme offers you a well-conceived product portfolio for metric threaded sections – from cars to trucks. Well established and specified worldwide, or innovative and prize-winning: with our micro-layer corrosion protection systems, you will always be on the right road.

Dispersion of the coefficient of friction*

μ_{tot} (total coefficient of friction)



— median value DELTA-MKS® systems
*according to OEM-specifications

The details stated in this technical leaflet are based upon our current knowledge and experience. They do not release the user from the testing that is inevitable, given the diversity of possible influences in the processing and application. Liability for specific properties or suitability for any concrete operational purpose may not be assumed from the information provided.

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