

## DELTA®-TONE 9000

highly effective anti-corrosion protection

### Product description:

DELTA®-TONE 9000 is a zinc flake basecoat. This basecoat provides highly effective anti-corrosion protection with a relatively thin coating. Like all DELTA-MKS® products, DELTA®-TONE 9000 is free of any harmful heavy metals, such as Cr-(VI), and conforms to EU guidelines relating to the End-of-Life Vehicle Directive (2000/53/EC) and the Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (2002/95/EC). No hydrogen embrittlement occurs in the application of DELTA®-TONE 9000. As appropriate, the coating process can be carried out jigged or in bulk.

### Corrosion resistance\*:

Basecoat	Topcoat	Time
8 µm	0 µm	480h
12 µm	6 µm	960h

\* according to DIN EN ISO 9227 (depending upon the build-up of coats, geometry and type of application)

### Coefficient of friction:

- Coefficient of friction ( $\mu_{tot}$ ): without defined coefficient of friction

### Features:

- suitable for rack and/or bulk parts
- conforms EU End-of-Life Vehicle Directive 2000/53/EC
- conforms EU Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment 2002/95/EC
- no hydrogen embrittlement due to application process

### Special Features:

- Cathodic protection by sacrificial corrosion of zinc
- Non-electrolytically applied zinc flake coating acc. to DIN EN ISO 10683 und DIN ES ISO 13858
- inorganic
- dry film thickness: 4-15 µm
- Colour: silver
- Curing temperature with max 260°C object temperature
- solvent-based
- available worldwide
- even layer construction
- very good adhesion characteristics

### Application:

- Dip-Spin
- Dip-Drain
- Spraying
- Spin-Coating

**Parts:**



**Big Parts**



**Chassis**



**Braking systems**



**Springs**



**Small fasteners**



**Big fasteners**



**Nuts**



**Stamp parts**



**Clips, clamps**



**Die-casting**



recommended



Partly recommended

**Specification:**

- Acciona windpower - CS0129
- BARD Engineering - Germanischer Lloyd Richtlinie
- Bosch - 800 00/ 3+4 / N67F 827 11+12
- Bosch - 800 00/ 3+4 / N67F827 13+14
- Bosch - 800 00/ 3+4 / N67F 827 21+22
- Bosch - 800 00/ 3+4 / N67F 827 23+24
- Bosch - 800 00/ 3+4 / N67F 827 31+32
- Bosch - 800 00/ 3+4 / N67F 827 33+34
- Bosch
- Chrysler - PS 7626
- Chrysler - PS 7626
- Continental Teves - ATE N 106 61 / Nr. 1611
- Continental Teves - ATE N 106 61 / Nr. 1613
- Continental Teves - ATE N 106 61 / Nr. 1614
- Continental Teves - ATE N 106 61 / Nr. 1621
- Continental Teves - ATE N 106 61 / Nr. 1623
- Continental Teves - ATE N 106 61 / Nr. 1624
- Continental Teves - ATE N 106 36.31 / 355 / 1
- Continental Teves - ATE N 106 36.31 / 355 / 2
- Continental Teves - ATE N 106 36.31 / 355 / 2 G
- Continental Teves - ATE N 106 36.31 / 355 / 3
- Continental Teves - ATE N 106 36.31 / 355 / 3G
- Continental Teves - ATE N 106 36.31 / 355/4
- Continental Teves - ATE N 106 36.31 / 355 / 5
- Continental Teves - ATE N 106 36.31 / 355 / 6
- Daimler - DBL 9440 / .50
- Enercon - MK06000-0
- Fiat - 95.75.12 / FAR/ZN/OR
- Fiat - 95.75.12 / FAR/ZN/OR II
- Fiat - 9.57513 / RIV / EC 5
- Fiat - 9.57513 / RIV / EC 5 LUB
- Fiat - 9.57513 / RIV / EC 5 PL
- Fiat - 9.57513 / RIV / EC 5 PL
- GM - GMW 14100 / schwarz
- GM - GMW 14100 / silver
- Hyundai-Kia - MS 619-08 / Class7 (HZFC-G) Fasteners
- Jaguar Landrover - JMS 10.22.05 / Class A
- Jaguar Landrover - JMS 10.22.05 / Class B
- Jaguar Landrover - STJLR.60.5020.X100 / SJ44
- Jaguar Landrover - STJLR.60.5020.X100 / SJ45
- John Deere - LaN 930-11.4 / Fe//ZL1//NX(220)//S (not for threads)
- John Deere - LaN 930-11.4 / FE//ZL1//NX(280//S//T1 (not for Threads)
- John Deere - LaN 930-11.4 / Fe//ZL1//NX(180)/R1/S//T1/T4
- Kamax - KX-5503 / 2
- Kamax - KX-5503 / 3
- Kamax - KX-5503 / 4
- Kamax - KX-5503 / 5
- Kamax - KX-5503 / 6
- Kamax - KN-5506 / 3
- Kamax - KN-5506 / 4
- Kamax - KN-5506 / 5
- Kamax - KN-5506 / 6
- Kamax - KN-5506 / 7
- Knorr Bremse - N12005-P18
- Knorr Bremse - N12005-P18
- Knorr-Bremse - N12005, P01 / .01
- Knorr-Bremse - N12005, P01 / .02
- Knorr-Bremse - N12005, P01 / .03
- Knorr-Bremse - N12005, P01 / .04
- Knorr-Bremse - N12005, P18
- MAN - 183-3 / B4
- MAN - MAN 183-2 / B4

The details stated in this product sheet 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 of our products. Any legal guarantee of specific properties of suitability for any concrete operational purpose may not be assumed from the information provided. 07.03.2014

- Fiat - 9.57513 / RIV / EC 8 PL
- Fiat - 9.57513 / RIV / EC 8 PL
- Fiat - 9.57513 / RIV / EC 5 PL Nero
- Fiat - 9.57513 / RIV / EC 5 PL Nero
- Fiat - 9.57513 / RIV / EC 8 PL Nero
- Fiat - 9.57513 / RIV / EC 8 PL Nero
- Fiat - 9.57513 / RIV / EC 8 PL
- Fiat - 9.57513 / RIV / EC 8 PL Nero
- Ford - WSD M21 P11 / B1 ( S301 )
- Ford - WSD M21 P11 / B2 ( S307 )
- Ford - WSD M21 P11 / B5
- Fuhrländer - W2E - W0402-G03-DASH-304-W2E-001-1-GE / DT/DS
- Fuhrländer - W2E - W0402-G03-DASH-304-W2E-001-1-GE / Fundamentankerbolzen, Blatt- und Pitchlagerbolzen
- Gamesa Eólica - EQ630001 / C3
- Gamesa Eólica - EQ630001 / C4
- Gamesa Eólica - EQ630001 / C5-M
- GE - P14A-AL-0218 / two layer class A
- GE - P14A-AL-0218 / single layer class B
- GM - GME 00255 / B
- GM - GME 00255 / C
- GM - GME 00255 / F
- GM - GMW 14100 / silver
- Porsche - VW96075 (PN 11011) / 26 d 0
- Porsche - VW96075 (PN 11011) / 26 d 1
- PSA - B153315 / DEL 9 A
- PSA - B153315 / DEL 9 B
- PSA - B153315 / DEL 9 S
- Renault Truck - 01.71.4002/l / SYZ (non fastener parts)
- Rover - MGR ES.21.ZS.05 / 240 ( Class A )
- Rover - MGR ES.21.ZS.05 / 480 ( Class B )
- Suzlon AE Rotortechnik - M0606600
- TRW - TS2-25-60 / Class G
- TRW - TS2-25-60 / Class H
- TRW - TS2-25-60 / Class H
- Vestas - 900182 / >= M20
- Vestas - 900182 / = M16
- Vestas - 900182 / = M12
- Vestas - 900182 / <= M10
- Volvo - STD 5752,53 / Y 530-2
- VW - TL 245 / Ofl-t601
- VW - TL 245 / Ofl-t610
- VW - TL 245 / Ofl-t610
- VW - TL 245 / Ofl-t615
- VW - TL 233 / Ofl-t330
- VW - TL 233 / Ofl-t350
- VW - TL 233 / Ofl-t630
- VW - TL 233 / Ofl-t650 (other parts)
- VW - TL 233 / Ofl-t650 (hose clamps)
- ZF - ZFB 998