



**Atotech Specifications - Zinc Flake & Hybrid**

OEM / Supplier	Specification	Product 1	Product 2	Product 3
Adwen (former Areva)	APS16512	Zintek 200	Techseal Silver	
Adwen (former Areva)	MV-00.0-GP.KO.000.999-A	Zintek 200	Techseal Silver	
AGCO	5035	Zintek ONE HP		
AGCO	705 100 300	Zintek ONE HP		
AGCO	705 100 300	Zintek ONE HP	Zintek Top XT (Prevailing Torque Nuts)	
Alstom Transport	DTRF 150 611 (0.12-0.18 CoF) BS4, BS3, BS2, BS1	Zintek 200	Zintek Top LF Techseal Silver SL F	
Alstom Transport	DTRF 150 611 (0.09-0.14 CoF) BS4, BS3, BS2, BS1	Zintek 200	Zintek Top LV Techseal Silver SL G	
Alstom Transport	DTRF 150 611 (0.12-0.18 CoF) BS4, BS3, BS2, BS1	Zintek 200 SL		
Alstom Transport	DTRF 150 611 (0.12-0.18 CoF) BS4, BS3, BS2, BS1	Zintek 300 HP	Techdip Black SL HC Techseal Black SL F	
Alstom Transport	DTRF 150 611 (0.09-0.14 CoF) BS4, BS3, BS2, BS1	Zintek 300 HP	Techseal Black SL G	
Alstom Transport	DTRF 150 611 BS4, BS3, BS2	Zintek 400	Zintek Top	
Alstom Transport	DTRF 150 611 BS4, BS3, BS2, BS1	Zintek 400	Zintek Top XT	
Altec	MTS-0020-C	Zintek ONE HP	Zintek Top XT	
ASTM	F3393 - Class A-F 1 - Silver, M - CoF (0.09)	Zintek ONE HP Zintek 200	Zintek Top LL Zintek Top XT L	
ASTM	F3393 - Class A-D 2 - Black, M - CoF (0.09)	Zintek 300 HP	Zintek Top LL Zintek Top XT L	
ASTM	F3393 - Class A-F 1 - Silver, N - CoF (0.12)	Zintek ONE HP Zintek 200	Zintek Top XT Zintek Top LV Techseal Silver SL G	
ASTM	F3393 - Class A-E 2 - Black, N - CoF (0.12)	Zintek ONE HP Zintek 200 Zintek 300 HP	Techseal Black SL G Techdip Black SL HC2 Zintek Top XT (Zintek 300 HP only)	
ASTM	F3393 - Class A-F 1 - Silver, R - CoF (0.15)	Zintek ONE HP Zintek 200		
ASTM	F3393 - Class A-F 1 - Silver, R - CoF (0.15)	Zintek ONE HP Zintek 200	Zintek Top Techseal Silver Brilliant Silver Techseal Silver SL F Techseal Clear	
ASTM	F3393 - Class A-E 2 - Black, R - CoF (0.15)	Zintek ONE HP Zintek 200 Zintek 300 HP	Techseal Black SL VA Techseal Glossy Black SL 14 Zintek Top (Zintek 300 HP only) Techseal Clear (Zintek 300 HP only)	
ASTM	F3393 - Class A-F 1 - Silver, S - CoF (0.19)	Zintek ONE HP Zintek 200	Zintek Top Techseal Silver SL F Techseal Brilliant Silver Techdip Silver SL	
ASTM	F3393 - Class A-E 2 - Black, S - CoF (0.19)	Zintek ONE HP Zintek 200 Zintek 300 HP	Techseal Black SL VA Techdip Black SL HC Techdip Glossy Black SL Zintek Top (Zintek 300 HP only)	
ASTM	F3393 - Class A-E 2 - Black, T - CoF (0.26)	Zintek ONE HP Zintek 200 Zintek 300 HP	Techdip Black S Techseal Black S (T)	
ASTM	F3393 - Class G 1 - Silver 2 - Black 3 - Other Colors W - CoF (As Agreed Upon)	Zintek ONE HP Zintek 200 Zintek 300 HP	Zintek Top Family Techseal Family Techdip Family	
BAIC	BAS 565	Zintek	Techseal Silver	
BAIC	BAS 565	Zintek	Techseal Black	
BMW	GS 90010	Zintek 200	Zintek Top	
Bobcat	PS 106	Zintek ONE HP		
Bosch	N/A	Zintek 200		

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Bosch	0 204 Y82 119	Zintek 200		
Brembo	BDS - 11.22	Zintek 200	Zintek Top Zintek Top L Techseal Black Techseal Silver	
Brose	590295 Part 1	Zintek 230		
Caterpillar	1E1675G	Zintek ONE HP	Zintek Top XT Zintek Top LV	
Caterpillar	1E1675G	Zintek ONE HP	Techseal Silver SL G	
Caterpillar	1E1675G	Zintek 300 HP Zintek ONE HP	Techseal Black SL G (washers only) Techdip Black SL HC2 (washers only)	
CBI	0204Y81074	Zintek 200	Zintek Top L	
Chang'An	Technical Spec for Chrome-Free Zinc flake coatings	Zintek 200	Techseal Black SL 24	
Chang'An	Technical Spec for Chrome-Free Zinc flake coatings	Zintek 200	Zintek Top LV	
CNH	0320-1A	Zintek ONE HP	Techseal Silver SL G	
CNH	0320-3BL	Zintek ONE HP	Techdip Black SL HC2	
Continental	ATE N 106 61.00	Zintek 200		
Continental	ATE N 106 61.00	Zintek 200 Zintek 300 B	Techseal Black Techseal Silver Techseal Silver WL Zintek Top Zintek Top L	
Cummins	ES0MS2-0059 (ESA004R924)	Zintek ONE HP Zintek 300 HP	Techdip Black SL HC2 Techseal Black SL G	
Daimler	DBL 8440	Zintek 200	Zintek Top XT	
Daimler	DBL 8440	Zintek 300 HP	Techseal Black S T	
Daimler	DBL 8457	Tru-Plate Pass 15	Tru-Plate Black 3	
Daimler	DBL 9440	Zintek 200	Zintek Top	Techseal Silver
Daimler	DBL 9440	Zintek 200	Zintek Top Zintek Top L Techseal	
Daimler	DBL 9440	Zintek 300 HP	Techseal Black SL VA Techseal Black SL T	
Daimler	DBL 9440.60	Zintek 200	Zintek Top LV	
Daimler	DBL 9460	Zintek 200	Zintek Top LV	
Delphi	DX551800	Zintek 200		
Delphi	DX551800	Zintek 200	Techseal Silver SL G	
Delphi	DX551800	Zintek 200	Techseal Silver WL 14	
Ditch Witch	Per Print	Zintek 300 HP	Techdip Black SL HC2	
Fastenal	FNL240	Zintek Top XT		
Fastenal	FNL240L	Zintek Top L		
Fiat	9.57513	Zintek 200	Techseal Silver WL	
Fiat	9.57513	Zintek 200	Techseal Silver WL 14	
Fiat	9.57513	Zintek 200	Zintek Top L	
Fiat	9.57513	Zintek 200	Zintek Top LF	
Fiat	9.57513	Zintek 200	Techseal Black SL G	
Fiat	9.57513	Zintek 200	Techseal Black SL F	
Ford	WSS-M21P44-A3	Reflectalloy ZNA	RODIP ZNX Ecotri NC	E-Coat
General Electric	F69A4 M11	Zintek ONE HP Zintek 200	Zintek Top Techseal Brilliant Silver	
GE Power (former Alstom Energy)	HS-CPA03-000000000EC	Zintek 200 SL		
GE Wind Energy GmbH	P14A-AL-0218	Zintek 200	Techseal Black SL G	
General Dynamics ELS	957513	Zintek 200	Techseal Silver SL G	
General Dynamics ELS	957513	Zintek 300 HP	Techseal Black SL G	
General Motors	GMW 14671-H	Zintek ONE HP	E-Coat	
General Motors	GMW 14671-H	Zintek ONE HP	Techdip Black SL HC2 Techseal Glossy Black SL	
General Motors	GMW 14671-H	Zintek 200 CC	Zintek Top	
General Motors	GMW 16730	Zinni AL 450 Reflectalloy ZNA	Unifix Ni 3-30 L	Tridur Finish 300 + Techdip Black WL2

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General Motors	GMW 16730	Zinni 210 Zinni 220	Unifix Ni 3-34 L	Tridur Finish 300 + Techdip Black WL2
General Motors	GMW 3359 - Pending	Zintek ONE HP	Zintek Top LV	
General Motors	GMW 3359-A	Zintek 200	Techseal Silver SL G	
General Motors	GMW 3359-B	Zintek 200	Techseal Silver SL G	
General Motors	GMW 3359-C	Zintek 200	Techseal Silver SL G	
General Motors	GMW 3359-A	Zintek 300 B	Zintek Top	Techseal Black SL G
General Motors	GMW 3359-B	Zintek 300 B	Zintek Top	Techseal Black SL G
General Motors	GMW 3359-C	Zintek 300 B	Zintek Top	Techseal Black SL G
General Motors	GMW 4205	Zinni AL 450	Unifix Ni 3-30 L	Techdip Black WL2
General Motors	GMW 4205	Zinni 210 Zinni 220	Unifix Ni 3-34 L	Techdip Black WL2
Husqvarna	EL-497 -B	Zintek ONE HP	Techdip Black SL HC2	
Husqvarna	EL-497 -B	Zintek 300 HP	Techdip Black SL HC2	
Husqvarna	EL-497 - S	Zintek ONE HP	Zintek Top XT	
Hyundai-Kia	MS 619-08	Zintek 200	Techseal Silver SL	
Hyundai-Kia	MS 619-08	Zintek 200	Techseal Silver SL	
Hyundai-Kia	MS 619-08	Zintek 200	Techseal Silver SL	
Hyundai-Kia	MS 619-08	Zintek 200 Zintek 300B	Zintek Top	Techseal Black SL
Hyundai-Kia	MS 619-08	Zintek 200	Techseal Black SL	
ISO	ISO 10683	Zintek ONE HP Zintek 200 Zintek 300 HP	Zintek Top / Techseal / Techdip Topcoats vary depending on application.	
ISO / DIN	DIN 13858	Zintek ONE HP Zintek 200 Zintek 300 HP	Zintek Top / Techseal / Techdip Topcoats vary depending on application.	
ITW Tapcon		Zintek ONE HP	Blue Topcoat	
IVECO - CNH Industrial	18-1101	Zintek 200		
IVECO - CNH Industrial	18-1101	Zintek 200 SL		
IVECO - CNH Industrial	18-1101	Zintek 200	Zintek Top LF	
IVECO - CNH Industrial	18-1101	Zintek 200	TechSeal Black WF	
IVECO - CNH Industrial	18-1101	Zintek 200	TechSeal Black WL14	
John Deere	JDM F13 (D, G, E, H)	Zintek ONE HP		
John Deere	JDM F13 (A, B)	Zintek ONE HP	Zintek Top	
John Deere	JDM F13 (C, F, J)	Zintek ONE HP	Zintek Top XT Zintek Top LV	
John Deere	JDM F25A	Zintek 300 HP Zintek ONE HP	Techseal Black SL G Techdip Black SL HC2	
John Deere	JDM F25B	Zintek 300 HP Zintek ONE HP	Techseal Black SL G Techdip Black SL HC2	
John Deere	JDKK102	Zinni 220	Ecotri NC	Techdip Black SL HC2
Komatsu	GZS	Zintek ONE HP		
MAN Truck & Bus	MAN 183-3	Zintek 200	Techseal Silver S-HT	
Manitowoc	ES 6829104440	Zintek ONE HP	Zintek Top XT L	
Nissan	RNES-B-0059	Zintek ONE HP	Techseal Silver SL F	
Nova Bus	E119-063	Zintek ONE HP Zintek 200 SL F		
Polaris	01777	Zintek ONE HP	Zintek Top LV Techseal Silver SL G	
Polaris	01777	Zintek ONE HP Zintek 300 HP	Techseal Black SL G Techdip Black SL HC2	
PSA	B15 3320	Zintek 200	Zintek Top LF	
Renault	01-71-002/--R	Zintek 200	Techseal Silver WL	
Renault Trucks	01 71 4002	Zintek 200	Techseal Silver WL	
Renault Trucks	01 71 4002	Zintek 200		
Rivian	RMS.0044 R106	Zintek ONE HP	Zintek Top XT Zintek Top LV	
Rivian	RMS.0044 R107	Zintek ONE HP Zintek 300 HP	Techdip Black SL HC2 Techseal Black SL G	
Rivian	RMS.0044 R112 Deviation Required	Zintek ONE HP	Zintek Top XT Zintek Top LV	
Rivian	RMS.0044 R113 Deviation Required	Zintek ONE HP Zintek 300 HP	Techdip Black SL HC2 Techseal Black SL G	
Schmitz Cargobull	WZN 3.0.0	Zintek 200	Zintek Top XT	
Schneider Electric	ABD00048	Zintek 200		
Schneider Electric	ABD00048	Zintek 200 SL		
Schneider Electric	ABD00048	Zintek 300 B	Zintek Top	Techseal Black SL 28

OEM / Supplier	Specification	Product 1	Product 2	Product 3
Senvion	01.71.4002 / H	Zintek 200 Zintek 400	Techseal Silver SL G	
Tesla	TM-0010F-M- "G"	Zintek ONE HP	Zintek Top LV Techseal Silver SL G	
Tesla	TM-0010F-M- "B"	Zintek 300 HP Zintek ONE HP	Techseal Black SL G Techdip Black SL HC2	
Tesla	TM-0010F-M 01B & 04B	Zintek 300 HP Zintek ONE HP	Zintek Top	Techseal Black SL G
Tesla	Per spec Ball Studs			
VDA	235-102.40	Zintek 200 SL		
Vermeer	VRM 11-212	Zintek ONE HP		
Volkswagen	TL 180	Zintek 300 HP	Techseal Black SL VA	
Volkswagen	TL 180	Zintek 300 HP	Techseal Black S T	
Volkswagen	TL 233	Zintek 200 Zintek 300 HP	Techseal Silver SL G Techseal Black SL T	
Volkswagen	TL 233	Zintek 200 Zintek 300 HP	Techseal Silver S G Techseal Black S T	
Volkswagen	TL 245	Zintek 200		
Volkswagen	TL 245	Zintek 200	Zintek Top	
Volkswagen	TL 245 - t620	Zintek 200 (requires deviation) Zintek ONE HP (requires deviation)		
Volkswagen	TL 245 OfI-t647	Zintek 200	Zintek Top LV	
Wurth	WS-008 ZFSHL (<10.9 hardness)	Zintek ONE HP	Zintek Top XT Zintek Top LV	
Wurth	WS-008 ZFSHR	Zintek ONE HP		
Wurth	WS-008 ZFSHR	Zintek ONE HP	Zintek Top Zintek Top LF Techseal Brilliant Silver	
Wurth	WS-008 ZFSH	Zintek ONE HP		
Wurth	WS-008 ZFBHL	Zintek ONE HP Zintek 300 HP	Techseal Black SL G Techdip Black SL HC2	
Wurth	WS-008 ZFBHR	Zintek ONE HP Zintek 300 HP	Techdip Black SL HC	
Wurth	WS-008 ZFBH	Zintek ONE HP Zintek 300 HP	Techeseal Black SL G Techdip Black SL HC2 Techdip Black SL HC	
ZF TRW Alfdorf/Germany	TS 2-25-060	Zintek 200	Techseal Silver WL	
Zoox	Per spec Ball Studs	Zintek 200	Techseal Clear	