



Columbia Chemical Global Approved Specifications



OEM/Tier 1	Specification	Columbia Chemical Process	Description
Alfagomma	Galvanizing for Hydraulic Components	Zinc-Chro-SHIELD	Zinc, Sealer
Alfagomma	Galvanizing for Rigid Pipes	SpectraMATE 25, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Boeing	BAC5701	COLCAD 100	Cadmium Plating
Bossard	CCS 3	SpectraMATE 25, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Bossard	CCS 3	SpectraMATE 25, Zinc-Chro-SHIELD UV	Zinc, Trivalent Passivate, Sealer
Chrysler		SpectraMATE 25	Non-Fasteners
Chrysler		COLDIP TRI-V 200 UB	
Chrysler		COLDIP TRI-V 121	
Chrysler		COLDIP TRI-V 120, Zinc-Chro-SHIELD	
Chrysler		COLDIP TRI-V 121, Zinc-Chro-SHIELD	
Delphi	DX551207	DX551207	Zinc, Trivalent Passivate, Sealer
Delphi	DX551208	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer

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Delphi	DX551209	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Delphi	DX551212	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Delphi	DX551213	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Delphi	DX551225	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Delphi	DX551232	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Delphi	DX551233	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Delphi	DX551236	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Delphi	DX551237	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Delphi	DX551240	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Eberhard	Finish Spec Code (24)	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
Eberhard	Finish Spec Code (25)	COLDIP TRI-V	Zinc, Trivalent Passivate
Eberhard	Finish Spec Code (26)	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Zinc, Trivalent Passivate, Sealer
Eberhard	Finish Spec Code (73)	TRIVECTA BLACK 350, TRIVECTA SEALER 350	Zinc, Trivalent Zinc, Trivalent Passivate, Sealer
Ford		SpectraMATE 25	SpectraMATE 25

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Ford		COLDIP TRI-V 200 UB	
Ford		COLDIP TRI-V 121	
Ford		COLDIP TRI-V 120, Zinc-Chro-SHIELD	
Ford		COLDIP TRI-V 121, Zinc-Chro-SHIELD	
General Motors	GMW3044 N	GMW3044 N	Zinc, Trivalent Passivate (Blue)
General Motors	GMW3044 X	COLDIP TRI-V 120, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
General Motors	GMW3044 X	COLDIP TRI-V 121, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
General Motors	GMW3044 X	SpectraMATE 25, Zinc-Chro-PELLENT	Zinc, Trivalent Passivate, Sealer
General Motors	SpectraMATE 25, Zinc-Chro-PELLENT	COLTIN-Zn, COLDIP TZ-10, COLFIN TTM-1016	Tin-Zinc, Trivalent Passivate, Sealer
General Motors	GMW4700 B	COLDIP NI-Z TRI BLUE 100, Zinc-Chro-PELLENT	Zinc-Nickel, Trivalent Passivate, Sealer (Clear)
General Motors	GMW4700 Type B	TRIVECTA NI-Z Black 70, TRIVECTA Sealer 350	Zinc-Nickel, Trivalent Passivate, Sealer (Black)
General Motors	GMW 14668 Code B Type 4, Color Master 495Y	TriCOL® Decorative Trivalent Plating Process	Decorative Trivalent Chromium Plating, TriCOL® (white), (black)

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	(white), Color Master 024M (black)		
Honda	MfZn2-C HES 2003-03	COLDIP TRI-V 121	Zinc, Trivalent Passivate
Honda	MFZn2-C	EXTREME 110, COLDIP TRI-V 120	Zinc, Trivalent Passivate
Honda		TRICOL DÉCOR	Trivalent Chromium Plating
International		NICOL SB SIMPLICITY, NICOL LEVELBRIGHT SINGLE, TRICOL RECLAIM	Semi-bright Nickel, Bright Nickel, Trivalent Chromium Plating
John Deere	JDM F15 (Fasteners)	SpectraMATE 25, COLFIN TTM-1016	Zinc, Trivalent Passivate, Torque Tension Modifier
John Deere	JDM F15 (Fasteners)	COLDIP TRI-V 200 UB, COLFIN TTM-1016	Zinc, Trivalent Passivate, Torque Tension Modifier
John Deere	JDM F15 (Fasteners)	SpectraMate 25, Zinc-Chro-SHIELD	Zinc, Trivalent Passivate, Sealer
John Deere	JDM F15 (Fasteners)	SpectraMate 25, Zinc-Chro-SHIELD UV	Zinc, Trivalent Passivate, Sealer
John Deere	JDM F21 (Symbol A / Fasteners)	COLDIP TRI-V Zn-Ni True Blue 1000, COLFIN TTM-1016	Zinc-Nickel, Trivalent Passivate, Torque Tension Modifier (Clear)
John Deere	JDM F21 (Symbol F / Fasteners)	TRIVECTA Ni-Z Black 70, COLFIN TTM- 1016	Zinc-Nickel, Trivalent Passivate, Torque Tension Modifier (Black)

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Medeco/Assa Abloy		NICOLD BRIGHT INDEX SINGLE	Bright Nickel
Medeco/Assa Abloy		TRICOL DÉCOR	Trivalent Chromium Plating
National Cash Register (NCR)	009-0020301	COLDIP TRI-V 121	Zinc, Trivalent Passivate
National Cash Register (NCR)	009-0020301	COLDIP TRI-V 200 UB	Zinc, Trivalent Passivate
PACCAR		NICOL SB SIMPLICITY, NICOL LEVELBRIGHT SINGLE, TRICOL RECLAIM	Semi-bright Nickel, Bright Nickel, Trivalent Chromium Plating
Rittal	AA-TL-37	COLDIP TRI-V 121	Zinc, Trivalent Passivate
Toyota		TRICOL DÉCOR	Trivalent Chromium Plating
Tractor Supply		NICOL SB SIMPLICITY, NICOL LEVELBRIGHT SINGLE, TRICOL RECLAIM	Semi-bright Nickel, Bright Nickel, Trivalent Chromium Plating
TRW	TRW-PS00005/TS548	COLDIP TRI-V 121	Zinc, Trivalent Passivate
TRW	TRW-PS00005/TS548	SpectraMATE 25	Zinc, Trivalent Passivate
Volkswagen	TL 217	COLZINC ACF II, SpectraMATE 25, Zinc-Chro-PELLENT	Zinc, Trivalent Passivate, Sealer
Volkswagen	TL 217	COLZINC ACF II, SpectraMATE 25	Zinc, Trivalent Passivate

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Volvo		NICOL SB SIMPLICITY, NICOL LEVELBRIGHT SINGLE, TRICOL RECLAIM	Semi-bright Nickel, Bright Nickel, Trivalent Chromium Plating

NOTE: Certain OEM's have a qualification process to allow for our plating chemistries to be formally approved for their specifications while other OEM's and component manufacturers do not formally list supplier chemistries as approved. Specifications that don't list approved chemistries simply require verification testing to show that the final plated deposit meets the performance requirements within the specification. Columbia Chemical processes are used in meeting the requirements of additional specifications than these shown so please contact us at techquestions@columbiachemical.com if you have questions on the specification you need to meet.