

RIVER STREET METAL FINISHING, INC.

Anodize ♦ Chromate ♦ Hardcoat ♦ Passivate

Precision Finishing of Aluminum Products

FINISH SPECIFICATION CROSS REFERENCE

RIVER STREET METAL FINISHING, INC.
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FINISH	OTHER COMMON SYNONYMS	MILITARY STANDARD	AEROSPACE MATERIAL SPECIFICATION	ASTM SPEC	MIL-STD-171 * FINISH NO.	MIL-F-14072 ** FINISH NO.
Sulfuric Anodize, non-dyed	Clear Sulfuric Acid Anodize	MIL-A-8625 Type II, Class 1	AMS-2471	ASTM B580-79 Type B Thru F	7.2.1	E511, Type II
Sulfuric Anodize, dyed	Dyed Sulfuric Anodize	MIL-A-8625 Type II, Class 2	AMS-2472	ASTM B580-79 Type B Thru F	7.2.2	E511, Type II
Hexvalent Chromate, Corrosion Resistance	Chemical Film; Iridite, Alodine	MIL-C-5541 Class 1A MIL-DTL-5541 Type I Class 1A	AMS-2473	ASTM B449-93 Class 1 & 2	7.3.1	E513
Hexvalent Chromate, Low Electrical Resistance	Chemical Film; Iridite, Alodine	MIL-C-5541 Class 3 MIL-DTL-5541 Type I Class 3	AMS-2474	ASTM B449-93 Class 3	7.3.3	E512
Trivalent Chromate, Corrosion Resistance	RoHS Compliant Chemical Film	MIL-DTL-5541 Type II Class 1A				
Trivalent Chromate, Low Electrical Resistance	RoHS Compliant Chemical Film	MIL-DTL-5541 Type II Class 3				
Hardcoat, Non-dyed	Natural, Clear Hardcoat	MIL-A-8625 Type III, Class I	AMS-2468 AMS-2469	ASTM B580-79 Type A	7.5.1	E514
Hardcoat, Dyed	Black Hardcoat Black Hard Anodize	MIL-A-8625 Type III, Class 2		ASTM B580-79 Type A	7.5.2	E514
Hardcoat/Teflon		MIL-A-8625, Type III Class 1 & 2 MIL-A-63576, Type I –PTFE Impregnated	AMS-2482			
Passivate	Clear Passivate	QQ-P-35 Type II, VI, VII	AMS-QQ-P-35 Types II, VI, VII, VIII	ASTM A 967-05 ASTM A380 Codes F Thru M	5.4.1	E300

This Chart is an approximate reference only. The specifications listed are similar, but not identical. Always consult the latest revision of the actual specification.

* Military Standard for Finishing of Metal and Wood Surfaces

** Military Specification of Finishes for Ground Based Electronic Equipment