

SPECIFICATIONS

ALUMINUM ANODIZING

Type II – Standard or sulphuric anodize

Type II B – Thin sulfuric acid anodizing, for use as a non-chromate alternative for

Type I and IB coatings

Type III – Hard anodize

Class 1 – Non-dyed coatings

Class 2 – Dyed coatings (color to be specified)

Mil-PRF-8625

Type II – Classes 1 & 2

Type III – Classes 1 & 2

Mil-Std-171

7.2.1 – Type II – Class 1

7.2.2 – Type II – Class 2

7.5.1 – Type III – Class 1

7.5.2 – Type III – Class 2

Mil-DTL-14072

E511 – Type II & III – non-dyed & dyed

E514 – Type III – non-dyed

ASTM B 580-79

Mil-Std-186



Code 202 – Type II – Class 1
Code 203 – Type II – Class 2
Code 204 – Type III – Class 2 – dyed black
Code 207 – Type III – Class 1

CHEMICAL CONVERSION COATINGS OF ALUMINUM

Mil-DTL-5541

Class 1A Type I or II – Maximum corrosion protection
Class 3 Type I or II – Low dielectric resistance

(Type II is ROHS Compliant)

Mil-Std-171

7.3.1 Class 1A – Maximum corrosion protection
7.3.3 Class 3 – Low dielectric resistance

Mil-DTL-14072

E513 – Maximum corrosion protection
E512 – Low dielectric resistance

Mil-Std-186

Code 208