

Gold Plating Matrix for Hardness Requirements

Gold Plate per MIL-G-45204, Type III, Grade A, 100 µin

Gold Plate per MIL-G-45204, Type III, Grade A, Class 2

Gold Purity			Type I 99.70%	Type II 99.00%	Type III 99.90%
Hardness		Grade A < 90 Knoop	Grade B 91-129 Knoop	Grade C 130-200 Knoop	Grade D > 200 Knoop
Thickness	Class 1 50 µin	Class 2 100 µin	Class 3 200 µin	Class 4 300 µin	Class 5 500 µin

Gold Plate per ASTM B 488, Type III, Grade A, 100 µin

Gold Plate per ASTM B 488, Type III, Grade A, Class 2

Gold Purity			Type I 99.70%	Type II 99.00%	Type III 99.90%
Hardness		Grade A < 90 Knoop	Grade B 91-129 Knoop	Grade C 130-200 Knoop	Grade D > 200 Knoop
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