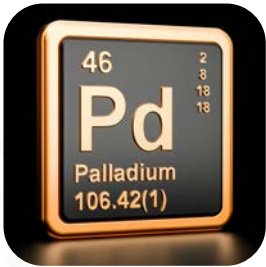
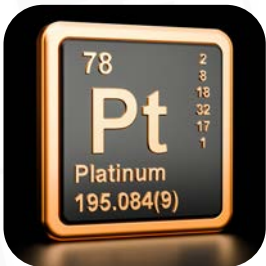


Precious Metal Alloy Families



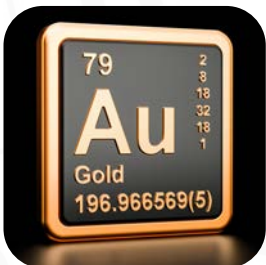
PALINEY[®] Palladium Based Alloys

- First palladium alloy introduced in 1934
- Low contact resistance, high mechanical strength
- Corrosion resistance in extreme environments
- Applications Include...
electronic contacts, slip ring systems,
fuel level systems, biocompatible devices



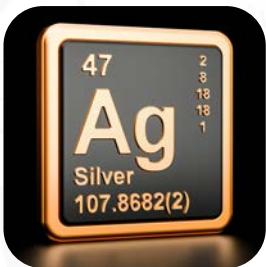
DERINEY[™] Platinum Based Alloys

- Deringer-Ney's newest alloy family
- High strength, high hardness, biocompatible
- Platinum-iridium and platinum-nickel alloys
- Applications include...
implantable medical devices, interventional
medical equipment, radiopaque markers



NEYORO[™] Gold Based Alloys

- Deringer-Ney's first alloy
- Very high tarnish resistance & low resistivity
- Many available with ASTM designations
- Applications include...
sliding contacts, slip rings, potentiometers,
electronic test probes, low noise contacts



NEY[™] Silver-Copper Alloys

- Ney 75 (75% Ag, 24.5% Cu, 0.5% Ni) - ASTM B780
- Ney 90 Coin Silver (90% Ag, 10% Cu) - ASTM B617
- Low resistance - ability to conduct high current
- Applications include...
arcing (make/break) contacts used in
relays and switches

- Alloys for demanding applications & harsh environments
- Approximately 300 alloy compositions produced
- Over 140 industry-standard alloys
- Selection of wrought / age hardenable alloys



ROD

Straight Lengths

1.5 mm to 7mm dia
(0.060 in to 0.275 in)

WIRE

Spooled

20 um to 1.45 mm dia
(0.0008 in to 0.57 in)

STRIP & Ribbon

Spooled

50 um to 380 um thick
(0.002 in to 0.015 in)
2 mm to 89mm wide
(0.080 in to 3.50 in)

Note: Please consult factory for specific material availability and temper, or custom requirements.

Alloy	ASTM #	Medical	Semiconductor	Industrial	Automotive	Defense
6019		●				
8010		●				
8974		●				
Neyoro™ 238					●	
Neyoro™ 28A	ASTM B477			●		●
Neyoro™ 28B				●		●
Neyoro™ 69	ASTM B522			●		
Ney™ 75	ASTM B780			●		●
Ney™ 90	ASTM B617			●		
Neyoro™ G	ASTM B541		●	●	●	●
Neyoro™ K						●
Deriney™ 72		●				
Paliney® 1100		●				
Paliney® 2000			●	●	●	
Paliney® 25			●			
Paliney® 30				●		●
Paliney® 5		●		●		
Paliney® 6	ASTM B563	●		●	●	●
Paliney® 7	ASTM B540	●	●	●	●	●
Paliney® 8				●		
Paliney® 9				●		●
Paliney® H3C			●			
Paliney® S					●	
Pd-20Pt-Ir		●				
Pd-15Ir		●				
Pt-10Ir	ASTM B684	●				
Pt-20Ir		●				

Deringer-Ney has a complete support staff to help you with your application...

- Material Scientists
- Engineers
- Technicians
- Chemistry Lab For...
Material Analysis
Production Support

CONTACT US @
860-286-6101 or
www.DeringerNey.com



Industry-Specific “Snapshot” of Deringer-Ney Alloys