



PALLADIUM-WHITE GOLD



Imperial has over 10 years experience in supplying palladium white gold. Using palladium instead of nickel to whiten karat gold alloys, results in products of unsurpassed white colour and good formability. Imperial's palladium white gold is nickel free and cutting and shearing is easier than with nickel white gold. It is a close colour match to platinum alloys, has good tarnish resistance and has immunity from fire cracking. Imperial offers palladium white gold in wire, plate, tube and grain in 14K and 18K. Imperial's palladium-white gold exhibits the whitest colour of any gold products on the market and is a superior performing alloy in all manufacturing techniques.



1. Grain Properties:

	Liquidus	Solidus	Density
14K Palladium-White	1094°C / 2001°F	1079°C / 1974°F	14.22 g/cm ³ (150 dwt/in ³)
18K Palladium-White	1074°C / 1965°F	1064°C / 1947°F	15.80 g/cm ³ (166.7 dwt/in ³)



2. Plate/Wire/Tube Properties:

	Hardness at Soft Temper	Ultimate Tensile Strength at Soft Temper
14K Palladium-White	150 Hv – 170 Hv	80,000 psi – 95,000 psi
18K Palladium-White	175 Hv – 200 Hv	70,000 psi – 80,000 psi

Imperial's Precious Metals
Inspiring Trust

We are always interested in hearing your opinion of how our products have performed for your application. Also, contact us should you have any questions, comments or require information regarding Imperial's wide range of gold, silver and platinum products.



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