

WHAT IS GOLD FILLED?

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You're bound to have come across the term "gold filled" when looking for gold components for your creations. But what does it actually mean? Is it really different from gold plating? Does it last? We tell you all about it!

What is gold filled?

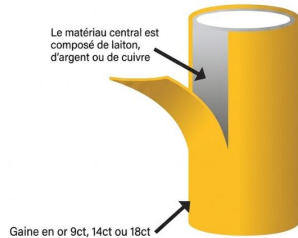
Gold filled, also known as laminated gold, is a metal obtained through a mechanical process: a layer of gold alloy is firmly bonded to a brass core using heat and pressure. This is not a simple surface deposit; the gold is actually soldered to the base metal.

This layer of gold represents 1/20th of the component's total weight, or 5%, unlike gold plating, where the layer is thinner. It's this thickness that makes all the difference in terms of durability and rendering.

- It is mainly available in two titrations:
 - 14-carat gold - 585 thousandths (the most common)
 - 12-carat gold - 500 thousandths

And as with solid gold, gold filled is also available in a rosé version, for fans of warm, trendy hues.

GOLD FILLED



Why choose gold filled for DIY jewelry?

A finish identical to solid gold

This is undoubtedly its most attractive feature. Laminated gold jewelry offers a warm, luminous finish very similar to 14-carat gold, without the price tag of solid gold. For creations intended to be worn or given as gifts, this is a powerful argument.

Durability far superior to gold plating

Gold filled and gold plated are not in the same league. Gold plating deposits a thin film of gold, at least 3 microns thick, by chemical or electrical means. Laminated gold, on the other hand, has a much thicker layer of gold physically anchored in the metal. As a result, it is much more resistant to everyday wear and tear, and can be kept for a long time with proper care.

Want to compare all the criteria in detail? Our technical data sheet explains it all: [gold filled vs. gold plated](#).

Affordable price, high quality

Solid gold is beautiful, but it's out of reach for most designers. Gold filled offers excellent value for money for long-lasting gold jewelry. You invest in solid components, without breaking the bank.

Compatible with sensitive skin

This is an often overlooked, yet essential criterion. The gold-filled components sold by Perles & Co comply with European standards on the release of nickel, the main allergenic metal in jewelry.

What kind of jewelry can be made with gold filled?

Gold filled can be used for almost any purpose. Only a few techniques are incompatible: it cannot be cast in molds or diamond-cut, as this would expose the brass base. Apart from that, you can create :

- necklaces and chains in a variety of meshes
- earrings with hooks or sleepers
- fine or bold bracelets
- simple or ornate rings
- personalized pendants and charms

Discover our full selection of [gold filled components and primers](#) to find exactly what you need.



A few precautions to ensure your jewelry lasts a long time

Gold filled is robust, but a little care goes a long way. Three simple reflexes:

- Store your jewelry in a closed box, away from light and dust.
- Avoid contact with perfumes, creams and cosmetics.
- Remove your jewelry before sports or swimming.

Its thick gold coating makes it easy to clean without risk of damage. All the methods are detailed in our guide: [how to clean gold filled](#).

In a nutshell

Features	Gold filled (rolled gold)
Other name	Rolled gold
Manufacturing process	Mechanical bonding by heat and pressure
Composition	Brass core + gold layer
Gold layer thickness	5% of total weight (1/20th)
Titration available	12 carats or 14 carats
Versions available	Yellow and pink
Durability	Several years with proper care
Contact with water	Occasional OK / seawater and chlorinated water to be avoided

Result

