

Ion plating is a coating process that can be more resistant to wear and corrosion than traditional plating methods. Gold-filled jewelry is a type of jewelry that contains a layer of gold alloy on the surface of a core metal. Here are some ways ion plating and gold-filled jewelry compare:

DURABILITY: Both methods are extremely durable and give extra wear opportunities beyond gold or sterling silver.

COST; Ion plating can be less expensive than traditional plating methods because it uses less gold and requires fewer staff. Gold-filled jewelry is more expensive than gold-plated jewelry because it contains more gold.

- • **Manufacturing**

Ion plating uses an electric current to adhere gold ions to a base metal. Gold-filled jewelry is made by sandwiching a core metal between two layers of gold alloy, then heating and rolling the metal to bond it together.