

All about tungsten

There are several types of tungsten electrodes commonly used in welding, each with its own characteristics and suitable applications. The most common types include:

1. Pure Tungsten (Green Tip): This type is primarily used for AC welding because it doesn't contaminate the welding puddle with any other metal.
2. Thoriated Tungsten (Red Tip): This type is popular for DC welding and is known for its longevity and ability to maintain a sharp tip, resulting in a stable arc.
3. Ceriated Tungsten (Grey Tip): Often used in both AC and DC welding, this type offers good arc stability at low currents and can be used with smaller, intricate welds.
4. Lanthanated Tungsten (Gold Tip): Suitable for both AC and DC welding, lanthanated tungsten is known for its long life, good arc starting, and stability at higher currents.
5. Zirconiated Tungsten (Brown Tip): These electrodes are generally used for AC welding and are known for their ability to resist contamination and provide good arc starts and stability.

Each type has its advantages and is suited to specific applications and welding

