

Igniter (Lighter)

The thermowelding process involves the ignition of a thermite mixture, typically composed of aluminum powder and iron oxide, which generates a temperature of up to 3000 degrees Centigrade when ignited. The ignition is usually triggered using a spark from a flint lighter. However, due to the high activation energy required for this reaction, initiation often requires the use of a “booster” material such as powdered magnesium metal or a very hot flame source. At DAR, we ensure that our thermowelding process is carried out with utmost precision and safety. Our igniters are designed to provide reliable and efficient ignition solutions, making them an integral part of our thermowelding equipment.

Code	item
DAR-W-IG	Welding Igniter



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