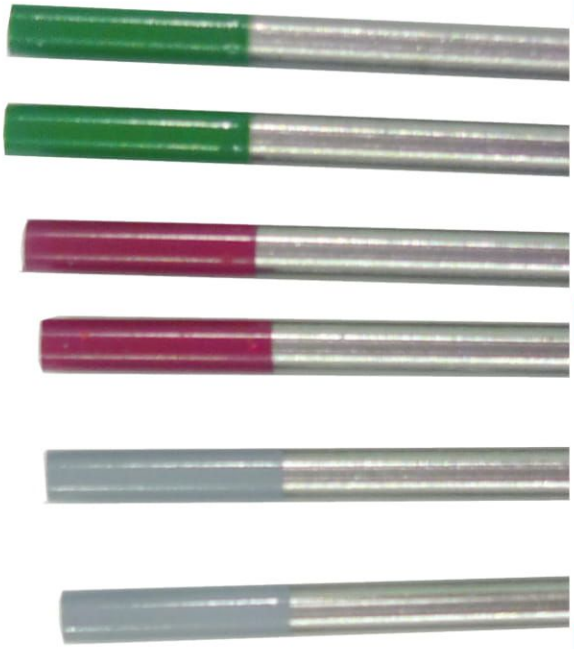
TUNGSTEN

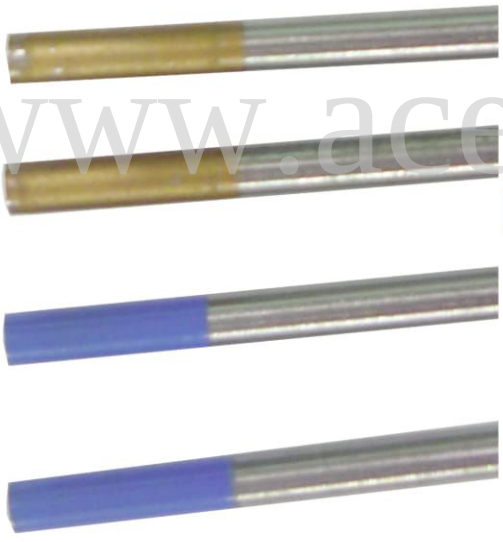


2% Thoriated Red

Description :
2% Thoriated Tungsten contains a nominal 2 wt-% or thorium oxide (ThO2) that is evenly dispersed throughout the entire length of the Tungsten. The most common type of Tungsten used today. Provides excellent resistance from weld pool contamination while at the same time offers the welder easier arc starting capabilities and a more stable arc. Generally used for DC electrode negative or straight polarity applications such as carbon & stainless steels, nickel alloys and titanium.

2% Lanthanated Blue / 1.5% Lanthanated Gold

Description :
2% Lanthanated or "rare earth" Tungsten contains a nominal 2wt-% Lanthanum oxide (LaO3). This type of Tungsten is very similar to ceriated as it too is a non-radioactive material. Lanthanated electrodes operate at a slightly different arc voltage than Thoriated or Ceriated electrodes. Were developed around the same time as Ceriated Tungsten to help combat the increasing awareness of the radioactivity of Thoriated Tungsten. Generally used to weld carbon and stainless steels, nickel alloys and titanium.



Pure Tungsten Green

Description :
Pure Tungsten contains a minimum of 99.5wt-% Tungsten with no other alloying elements. This allows the tip to form a clean, balled end which provides good arc stability on AC. Pure can be used with DC but does not compare with Thoriated or Ceriated as far as ease of arc starting. More susceptible to weld contamination than Thoriated, Ceriated or Lanthanated. Usually the least expensive of all Tungsten. Pure Tungsten is generally used in the welding of aluminium and magnesium alloys (AC).

2% Ceriated Grey

Description :
2% Ceriated Tungsten contains a nominal2wt-% of cerium oxide (CeO2). Ceriated is different from Thoriated as it is not a radioactive material. Ceriated Tungsten also tends to last longer than Thoriated and can be used proficiently with AC or DC. In manual applications the Ceriated Tungsten will provide slightly different electrical characteristics than the Thoriated Tungsten but generally no difference will be seen by the operator. Generally used to weld carbon & stainless steel, nickel alloy and titanium.

DESCRIPTION	LIST PRICE (RM)
2% Tungsten 1.0mm	
2% Tungsten 1.6mm	
2% Tungsten 2.4mm	
2% Tungsten 3.2mm	
2% Tungsten 4.0mm	
Gold Tungsten 1.6mm	
Gold Tungsten 2.4mm	
Pure Tungsten 1.6mm	
Pure Tungsten 2.4mm	
Pure Tungsten 3.2mm	
Grey Tungsten 1.6mm	
Grey Tungsten 2.4mm	
Grey Tungsten 3.2mm	
Blue Tungsten 2.4mm	

PRICE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE & EXCLUDE 6% GST