

RARE EARTH

A premium, environmentally friendly, long life, high performance tungsten blend providing easy arc striking, smooth arc transfer and a low burn off rate.

Suitable for all applications of TIG welding, including DC and AC welding for non-alloyed and high-alloyed steel, copper, nickel, aluminium, titanium and magnesium alloys.

1.0mm, 1.6mm, 2.4mm, 3.2mm



PART NO	DESCRIPTION	PKT
900340	3% Rare Earth Tungsten 1.0mm x 178mm	10
900341	3% Rare Earth Tungsten 1.6mm x 178mm	10
900342	3% Rare Earth Tungsten 2.4mm x 178mm	10
900343	3% Rare Earth Tungsten 3.2mm x 178mm	10



1.5% LANTHANATED

Excellent arc starting and re ignition characteristics with low burn off rates. Suitable for DC and AC applications especially in medium to high current applications.

2% THORIATED

Contains a nominal 2wt-% thorium oxide (ThO₂) evenly dispersed throughout. Provides resistance from weld pool contamination. Used for DC electrode negative, or straight polarity applications.

ZIRCONATED

Excellent performance in AC welding, especially under high load current. Balls up well with a stable arc, resulting in less tungsten permeation and good corrosion resistance. Resists contamination.

CERIATED

Performs best in DC welding at low current settings, while also proficient in AC and DC processes. Used for orbital tube and pipe manufacturing and thin sheet metals.

MULTI-PACK

2 x 1.6mm Thoriated, 2 x 2.4mm Thoriated, 1 x 1.6mm Ceriated, 1 x 2.4mm Ceriated, 1 x 1.6mm Zirconated, 1 x 2.4mm Zirconated, 1 x 1.6mm Lanthanated, 1 x 2.4mm Lanthanated

PART NO	COLOUR	DESCRIPTION	PKT
900301	Gold	Bossweld Lanthanated Tungsten 1.6mm x 178mm	10
900302	Gold	Bossweld Lanthanated Tungsten 2.4mm x 178mm	10
900303	Gold	Bossweld Lanthanated Tungsten 3.2mm x 178mm	10
900308	Red	Bossweld 2% Thoriated Tungsten 4.0mm x 178mm	10
900310	Red	Bossweld 2% Thoriated Tungsten 1.0mm x 178mm	10
900311	Red	Bossweld 2% Thoriated Tungsten 1.6mm x 178mm	10
900312	Red	Bossweld 2% Thoriated Tungsten 2.4mm x 178mm	10
900313	Red	Bossweld 2% Thoriated Tungsten 3.2mm x 178mm	10
900320	White	Bossweld Zirconated Tungsten 1.6mm x 178mm	10
900321	White	Bossweld Zirconated Tungsten 2.4mm x 178mm	10
900322	White	Bossweld Zirconated Tungsten 3.2mm x 178mm	10
900330	Grey	Bossweld Ceriated Tungsten 1.6mm x 178mm	10
900331	Grey	Bossweld Ceriated Tungsten 2.4mm x 178mm	10
900332	Grey	Bossweld Ceriated Tungsten 3.2mm x 178mm	10
900350	Black	Bossweld Multi-Pack Tungsten	10