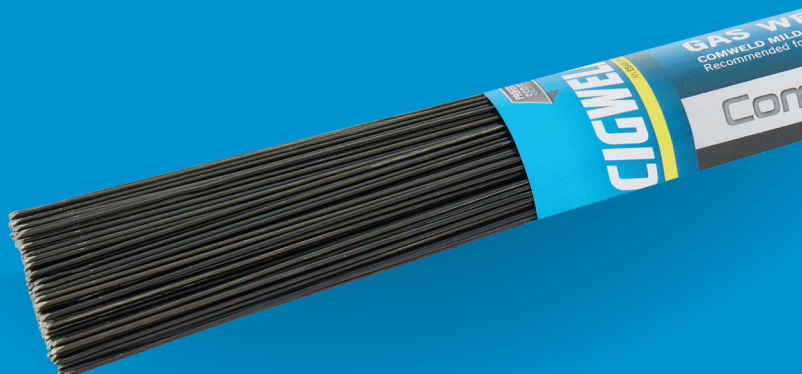


COMWELD MILD STEEL

PRODUCT DATA SHEET



UNCOATED MILD STEEL FILLER ROD



GAS AND TIG WELDING CONSUMABLES

COMWELD MILD STEEL

- Black Annealed, Low Carbon Steel Rod for Oxy-Acetylene Welding.
- Recommended for Gas Welding of Steels and Wrought Irons.
- Not Suitable for Gas Tungsten Arc Welding

CLASSIFICATIONS:

AS 1167.2:	RG
AWS/ASME-SFA A5.2:	R45

JOINING PROCESS:

Gas (Fusion) Welding only.

TYPICAL WELD DEPOSIT PROPERTIES:

All Weld Metal Tensile Strength	370 MPa
Elongation	30%
Approximate Melting Point	1490°C
Weld Metal Density	7.85 gms / cm ³

TYPICAL ROD ANALYSIS:

C:	0.07%
Mn:	0.50%
Si:	0.008%
S:	0.008%
P:	0.011%
Fe:	Balance

DESCRIPTION AND APPLICATIONS:

As the name implies, Comweld Mild Steel is an uncoated mild steel filler rod suitable for the oxy-acetylene (fusion) fillet and butt welding of carbon steel and wrought iron.

Comweld Mild Steel produces a free flowing weld pool without the need for an externally applied flux. A neutral to slightly reducing flame setting is recommended for use with Comweld Mild Steel.

Resultant weld deposits are ductile and in the 350 - 400 MPa tensile class. The low deoxidant level of Comweld Mild Steel makes it unsuitable for Gas Tungsten Arc (TIG) welding applications.

PACKAGING DATA:

ROD SIZE (MM)	PACK WEIGHT / TYPE	APPROXIMATE RODS / KG	PACK PART NO.
1.6 x 500	1kg Handi Pack	30	322045
1.6 x 1000	5kg	64	321334
2.4 x 750	5kg	29	321337
3.2 x 750	5kg	16	321339