

Polaris® Ultra Flux Core

Flux Core Arc Welding (FCAW -Wire)

For welding mild, medium, and high carbon steels. Also suitable for low alloy steels and wear resistant types.

Features

- 95,000 psi Strength
- X-Ray Quality Welds
- Easy Slag Removal
- Runs Vertical Up Or Vertical Down
- 28% Elongation
- Welding Arc Unaffected By Drafts

Characteristics

Polaris Ultra Flux Core is a self-shielded joining wire with excellent out-of-position welding characteristics. Ideal for single or multi-pass applications, it has low spatter, and a smooth spray transfer.

Polaris Ultra Flux Core will weld galvanized steels and contains deoxidizers to counteract the effects of contaminants such as light rust, oil or mill scale. Ideal for "suitcase" type wire feeders.

Technical

Inches	.035	.045	1/16	5/64
(mm)	(.88)	(1.2)	(1.6)	(2.0)
Volts	11-20	12-20	13-20	15-21
Amps	60- 200	75- 220	108- 270	120- 300
Stick Out	1/8"- 1/2"	1/8"- 5/8"	1/4"- 3/4"	1/4"- 3/4"

Use Straight Polarity (DCEN)

Shielding Gas Options

Self Shielded

Applications

Polaris Ultra Flux Core applications would include tanks, structural steel, heavy equipment, machinery repair and railroad equipment.

We recommend **Gemini Anti-Spatter spray** for lasting protection of your contact tip and MIG nozzle (see chemical aids in Abrasives & Metal Working products section).

Spool Size

- 10# Available in .035 and .045
- 25# Available in 5/64"
- 33# Available in .035, .045 and 1/16"