



The Symbol of the Independent Welding Distributor

# WELDMARK PLUS ALUMINUM



## Weldmark Plus Aluminum Wire

Weldmark Plus wire is designed to eliminate the problems usually associated with aluminum feeding and welding. Due to exceptional manufacturing procedures, the wire is highly resistant to birdnesting, tangling and burnback to provide trouble-free use. Welding with Weldmark Plus aluminum wire results in a stable arc and superior weld quality.

The key to our superior quality is our exceptional surface finish and consistent chemical composition. The wire is manufactured using a process that precisely controls the alloy chemical composition to product consistent physical composition. The wire is then drawn to ensure a smooth, clean surface finish for the best feedability. Due to our quality control and inspection, Weldmark Plus aluminum wire beats the competition hands down.

### Weldmark 4043 Plus

Weldmark 4043 Plus is a popular filler metal chemistry containing silicon, which lowers the melting point and increases puddle fluidity. 4043 provides excellent weld appearance, wetting action and penetration making it an excellent choice for a variety of welding applications.

Typical applications include welding on silicon and magnesium (6XXX series) extrusions.

### Weldmark 5356 Plus

Weldmark 5356 Plus is an aluminum-magnesium alloy making it the most common filler metal for welding applications. 5356 exhibits high compatibility with many base alloys, good strength, and good wire feeding.

Typical applications include general plate fabrication, bicycle frames.

### Chemistry

Si: 4.5-6.0%, Fe: 0.8%, Cu: 0.30%, Mn: 0.05%, Mg: 0.05%, Zn: 0.10%, Ti: 0.20%, Be:0.0008%, Al: remainder

\*Note: Single values are max.

### Chemistry

Si: 0.25%, Fe: 0.40%, Cu: 0.10%, Mn: 0.05-.20%, Mg: 4.5-5.5%, Cr: 0.05-0.20%, Zn: 0.10%, Ti: 0.06-0.20%, Be:0.0008%, Al: remainder

\*Note: Single values are max



the key to a better tomorrow...

See back of this literature for your local distributor.

Weldmark® is a registered trademark of the Independent Welding Distributors Cooperative, Inc.

Form: WL-PLAL052003

<b><u>Weldmark Part#</u></b>	<b><u>Description/Packaging</u></b>
EDW30482	ER4043 .030 20#CT/1#SP
EDW30484	ER4043 .035 20#CT/1#SP
EDW30486	ER4043 3/64" 20#CT/1#SP
EDW30483	ER4043 .030 16#SP
EDW30485	ER4043 .035 16#SP
EDW30487	ER4043 3/64" 16#SP
EDW30488	ER4043 1/16" 16#SP
EDW30489	ER5356 .030 20#CT/1#SP
EDW30491	ER5356 .035 20#CT/1#SP
EDW30493	ER5356 3/64" 20#CT/1#SP
EDW30490	ER5356 .030 16#SP
EDW30492	ER5356 .035 16#SP
EDW30494	ER5356 3/64" 16#SP
EDW30495	ER5356 1/16" 16#SP
EDW30452	ER4043 1/16" 7CT/1#TB
EDW30453	ER4043 3/32" 7CT/1#TB
EDW30454	ER4043 1/8" 7CT/1#TB
EDW30458	ER4043 1/16" 10CT
EDW30459	ER4043 3/32" 10CT
EDW30460	ER4043 1/8" 10CT
EDW30464	ER5356 1/16" 7CT/1#TB
EDW30465	ER5356 3/32" 7CT/1#TB
EDW30466	ER5356 1/8" 7CT/1#TB
EDW30461	ER5356 1/16" 10CT
EDW30462	ER5356 3/32" 10CT
EDW30463	ER5356 1/8" 10CT



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