

HD™ ALUMINUM WIRE SURFACE TREATMENT



LINCOLN®
ELECTRIC

Reduced Shavings. Improved Feedability. Improved Productivity.

Consistent Arc Performance With Improved Feedability

HD™ is a proprietary aluminum wire surface treatment designed to reduce shavings and liner clogging while improving feedability.

Backed by Lincoln Electric's continual stringent Quality Assurance process controls, a proprietary application method was developed to improve aluminum wire performance.

Standard Aluminum Bare Wire



2.46g Shavings

Standard Aluminum Wire With HD



0.53g Shavings

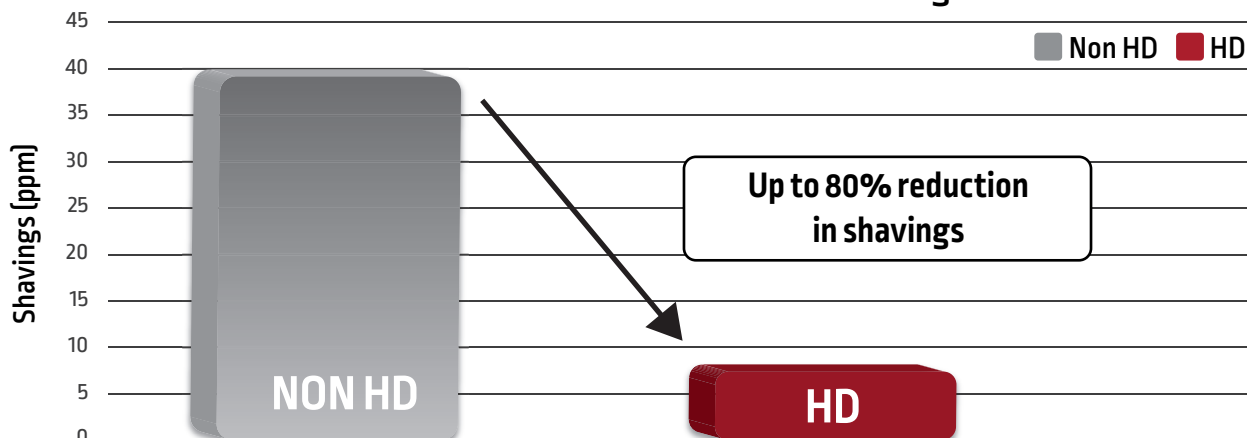
Increased Total Arc-On Time And Productivity

Lincoln Electric's HD surface treatment with improved feedability helps you reduce shavings, minimize the frequent need to clean clogged liners and jams, and limit tip burnbacks. These improvements to your aluminum wire allow you to focus on the weld, improve arc starts and increase productivity.

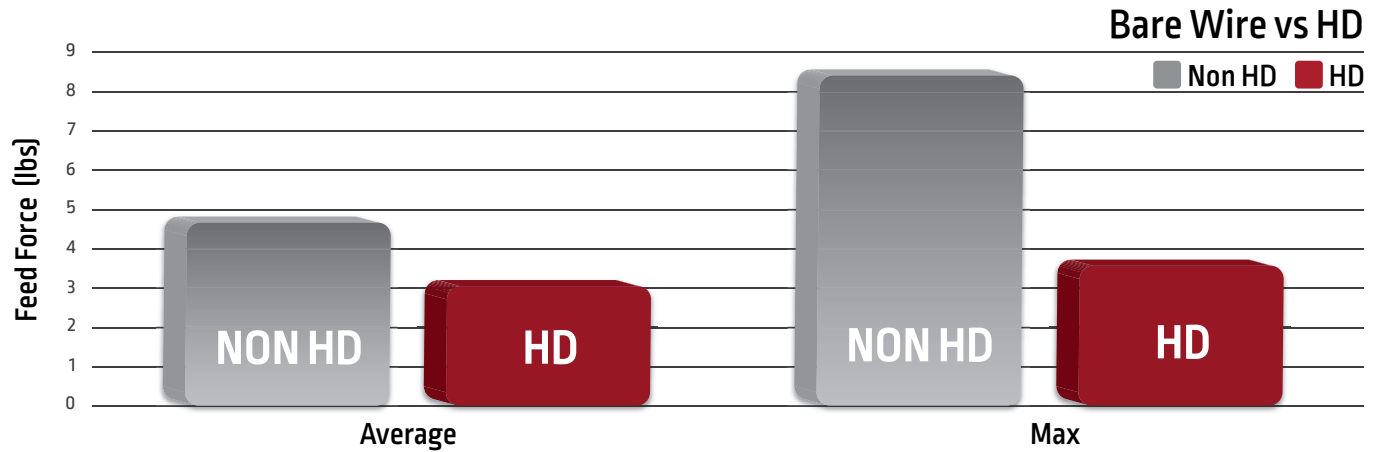


Up To 80% Reduction In Shavings⁽¹⁾

Aluminum Shavings Bare Wire v.s. HD



Achieve up to 4.74 lbs Feed Force Reduction⁽²⁾



Applications For Best Use

- SEMI-AUTOMATIC WELDING
- TRUCK & TRAILER
- AUTOMOTIVE
- RAIL
- SHIPBUILDING
- GENERAL FABRICATION



Long-Term Advantages

- REDUCES SHAVINGS
- IMPROVES FEEDABILITY
- CONTROLLED HYDROGEN
- CONSISTENT PERFORMANCE
- MINIMIZES LINER CLOGGING
- REDUCES FRICTION
- INCREASES CONTACT TIP LIFE
- IMPROVES ARC STARTS
- HELPS IMPROVE ARC-ON-TIME
- MINIMIZES TIP BURNBACKS



HD will provide premium feedability while maintaining all of the reliable arc performance characteristics of our Lincoln Electric aluminum wire. HD is available for all 5000 series aluminum MIG wire.



Test results were obtained from a weld produced and tested in a lab according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. [1]Shaving analysis was performed using a push pull gun, comparing Lincoln Electric standard aluminum wire with HD against industry standard aluminum bare wire. [2]Feed Force Reduction analysis compared Lincoln Electric aluminum wire with HD against industry standard aluminum bare wire.

CUSTOMER ASSISTANCE POLICY

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