



WELDING BASICS SERIES

MAKE SOMETHING BETTER



ALUMINIUM 5556

Aluminium 5556

Alloy 5556 was first utilised in 1956. It develops the highest as-welded strengths in fillet welds and it is nearly double that of 4043.

The 5xxx series of alloys offer an excellent combination of corrosion resistance, strength, toughness, workability, and weldability. As a result, they are used in a wide variety of applications. A characteristic of this series of alloys, however, is their susceptibility to stress corrosion cracking when the weld pool chemistry is greater than 3% mg and there is exposure to prolonged temperatures in excess of 1500f. Special alloys and tempers are often required to overcome this problem.



**MAKE SOMETHING
BETTER**

**ANY QUESTIONS?
CONTACT US!**

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