

Böhler Welding aluminium filler material range

Filler metal specialist Böhler Welding has issued a brochure on its range of wires and rods for the GMAW / MIG and GTAW / TIG welding of aluminium, covering all major grades.

The materials listed in the new brochure are premium quality filler materials resulting from the selection of high purity raw materials with narrow tolerances on chemical composition and state-of-the-art wire production technology. They feature the following characteristics and user benefits:

Product characteristics	User benefits
Use of high purity raw material	<ul style="list-style-type: none">• Reduced risk of weld porosity• X-ray quality welds
Tightly controlled wire chemistry	<ul style="list-style-type: none">• Welds with matching chemical composition and mechanical values
Surface shaving, cleaning and coating technology	<ul style="list-style-type: none">• Reduced risk of weld porosity• X-ray quality welds• No flaking – stable feeding• Nice weld appearance
Tightly controlled wire diameter and cast & helix	<ul style="list-style-type: none">• Good feeding properties• Straight welds
GTAW/ TIG rods marked 2 x on one side with the AA number and the aluminium alloy designation	<ul style="list-style-type: none">• Easy identification of filler metal

GMAW / MIG wires are available on BS300 basket spools, but also in drums with a filling content of 80 or 140 kg to avoid downtime with high duty cycle welding stations. Smart drum accessories are available for easy transport and installation of the drums and to guarantee problem-free wire pay-off from the drums and for dependable feeding over long distances – even with the ER 5XXX classification series of aluminium wire types.

The detailed brochure on Böhler Welding aluminium filler materials can be downloaded from <http://www.voestalpine.com/welding>

For a printed copy, please contact welding.gcc@voestalpine.com with your name and postal address.

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About us

voestalpine Böhler Welding

Is a leading manufacturer and worldwide supplier of filler metals for industrial welding and brazing applications. As a part of the voestalpine Group, one of the world's leading suppliers of specialized steel products, voestalpine Böhler Welding is part of a global network of metallurgy experts. With more than 100 years of experience, the enterprise has decisively influenced the development of welding technology, setting the benchmark with its innovative solutions. With its three areas of competence – Böhler Welding for joint welding, UTP Maintenance for repair and maintenance welding and Fontargen Brazing for soldering and brazing – outstanding solutions for all challenging welding projects in demanding industries are offered. Read more on www.voestalpine.com/welding

Metal Engineering Division

The voestalpine Metal Engineering Division is the global market leader in turnout technology and complete rail systems, and is the European market leader in special rails and quality wire. The division is also a leading provider of seamless tubes and high-quality welding consumables. Customer segments include the railway infrastructure industry, the oil and gas industry, the steel and construction industry, as well as the mechanical engineering and automotive industries. In the business year 2015/16, the division and its Steel, Rail Technology, Wire Technology, Tubulars, Turnout Systems, and Welding Consumables business units generated revenue of more than EUR 2.85 billion, of which around 43% was generated outside of Europe. The division, with its approximately 12,700 employees worldwide, reported an operating result (EBITDA) of EUR 385 million.

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The voestalpine Group

The voestalpine Group is a steel-based technology and capital goods group that operates worldwide. With around 500 Group companies and locations in more than 50 countries and on all five continents, the Group has been listed on the Vienna Stock Exchange since 1995. With its top-quality products, the Group is one of the leading partners to the automotive and consumer goods industries in Europe and to the oil and gas industries worldwide. The voestalpine Group is also the world market leader in turnout technology, special rails, tool steel, and special sections. In the business year 2015/16, the voestalpine Group reported revenue of EUR 11.1 billion and an operating result (EBITDA) of EUR 1.6 billion; it had around 48,500 employees worldwide.