

Novelis OHLER® Flexible Tubes

More than just flexible



Novelis

Novelis

Your specialist

Aluminium solutions with added value

We meet every challenge with our ability to create innovative and customized solutions

The Ohle plant constitutes an important part of Novelis Deutschland GmbH. Founded in 1889 as Ohler Eisenwerk – the first products were thick rolled plates and multi rolled thin sheets. In the mid 1950s a new dynamic business concept with the objective of expansion into new business and product areas was adopted.



OHLER® Flexible Tubes

The operating area OHLER® Flexible Tubes was founded in 1959 and today contributes immensely to making Novelis one of the leading manufacturers and suppliers for the international Automotive, Caravan and rolling mill industries. This success is based on superior production control and quality assurance resulting in premium standard products.

Continuous aspiration for innovation and the development of our manufacturing technology and techniques, in close co-operation with our development partners, make us not just an outstanding manufacturer of flexible products, but your partner of choice. Work with us!





Automotive

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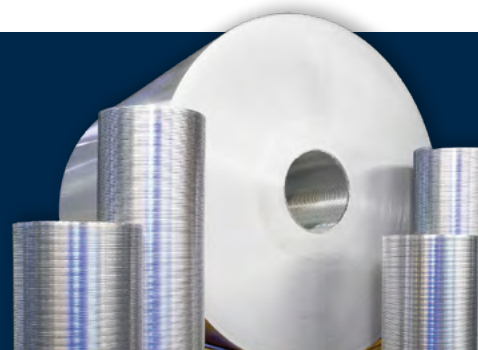
Caravans and Motorhomes

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Rolled Products

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Automotive

Our customers build on our flexibility

Our products are leading state-of-the-art technologies in the field of heat protection tubing, ventilation and exhaust systems

Novelis supplies the international automotive manufacturers and their first tier component suppliers with a wide range of highly efficient and cost effective products. Due to our fast response to orders for materials and products we stand out as a preferred supplier. With the application of our sophisticated distribution logistics system we are able to significantly minimize the time-to-delivery.

Just-In-Time is not just a phrase – it is our philosophy!

Our core products:

- Heat protection tubes, sleeves and shields, resistant to both convection and radiant heat
- Ventilation tubes for fresh and warm air circulation to the passenger area
- Flexible exhaust tubes, for auxiliary heating systems also insulated
- Inlet and exhaust sound absorbing systems

The high diversity of applications requires an excellent level of expertise and reflects our abilities for development and innovation. These competences result in smart, customer-tailored solutions. Our development teams carry out each project with discipline, passion and enthusiasm. Partnering closely with our customers allows us to produce ideal solutions and provide optimum support.





Caravans and Motorhomes

Our solutions travel world-wide

Security, comfort and flexibility during your journey

The European motorhome and caravan manufacturers as well as their suppliers and sales partners rely on OHLER® Flexible Tubes for circulation and distribution of air and exhaust gases. In these segments we have a close relationship with the leading manufacturers of petrol, diesel and liquid gas heating systems. We offer extensive know-how and a wide range of innovative solutions – many of them with production proven status.

Our core products in this area:

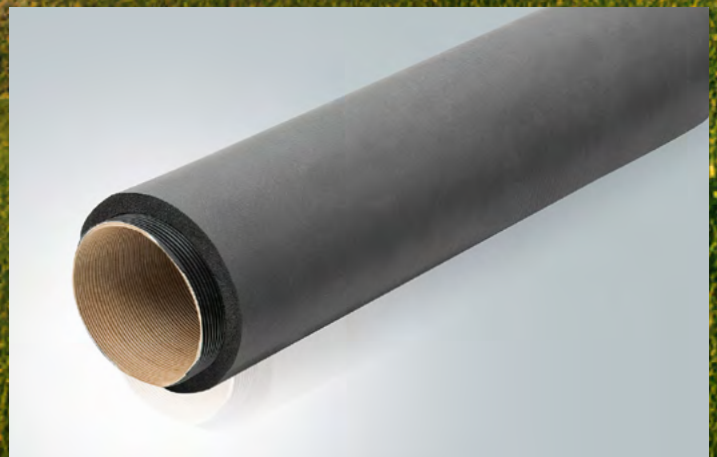
- Flexible tubes and hoses for air circulation and warm air distribution
- Flexible exhaust tubes for heating appliances, can be also supplied with sound absorbing characteristics
- Insulated and heat resistant twin tubes

With over 50 years experience and strong co-operations with all industry leading manufacturers, we gained excellent know-how of all solid production processes.

Our products set the industry standard for quality and reliability; consequently we give highest priorities to the following factors:

- outstanding product quality
- expert based development competence for each individual challenge
- optimal price-performance ratio
- high insulation properties for warm air tubes
- guaranteed on-time-delivery
- size accuracy according to customary industrial plastic components

In the future we will keep firmly to these principles as your trust is our driving force.





Rolled Products

OHLER® AL-COIL-CORE infinitely recyclable

We combine environmental protection and economic advantages

Our patented aluminium coil core, OHLER® AL-COIL-CORE, is globally available and suitable for the coiling of all types of aluminium foil and strip.

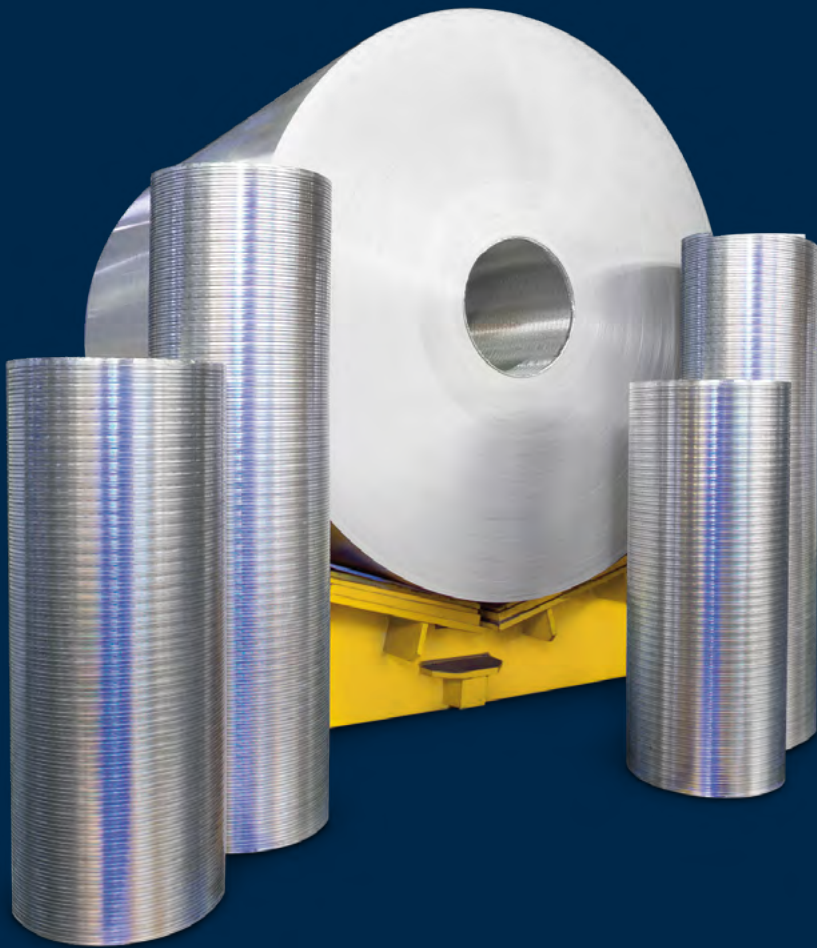
Using this unique product makes a separation of residual material of the coil from the winding core needless. Instead, a fully compatible system was developed allowing joint recycling. Thus, the value of the recycled aluminium scrap ensures an additional cost benefit.

Moreover, the weight saving due to the low specific density of the aluminium core – compared with traditional paper and steel cores – simplifies handling immensely.

As aluminium is infinitely recyclable, it is the material of choice for balancing the demand of a growing economy with the need to preserve the environment. Therefore, recondition and disposal become more significant as the processing industry nowadays obtains credit for aluminium scrap value.

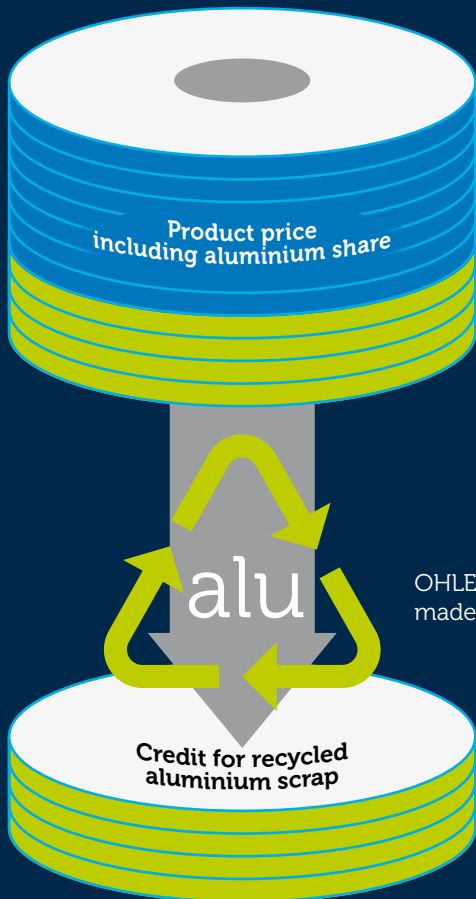
Aluminium recycling cycle





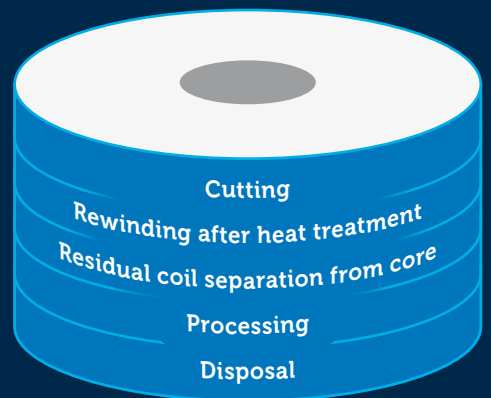
OHLER® AL-COIL-CORE
An assured innovation for the future

With the continuously rising costs of production and waste disposal the aluminium coil core meets all the critical economic criteria in these areas. Durability is combined with a positive effect on health and safety and benefits of processing ergonomics in the working environment, optimisation of the production cycle, all provide enormous benefits for potential users. Users of the OHLER® AL-COIL-CORE save hundreds of tonnes of natural resources and reduce the CO₂ emissions.



Schematic cost comparison of coil cores made of different materials

When comparing costs, it is important to consider the cost of other work required and possible value from recycled scrap in addition to the price of the product.



Other material e.g. cardboard or steel

Sustainability

Shaping a Sustainable World Together

Novelis is driven by its purpose to Shape a Sustainable World Together – from how we operate within our company to how we partner with our stakeholders across the aluminium value chain.

Sustainability is the Heart of Novelis

Novelis leads the industry in making aluminium the sustainable material of choice for beverage packaging, automotive, aerospace, transportation, building & construction, and a wide range of other vibrant, growing industries who seek strong yet lightweight sustainable materials that support the circular economy. For us, sustainability is not a 'nice to have' concept – it is the core of who we are and what we do. As the leader in the manufacturing of sustainable aluminium products, we take our responsibility to reduce the carbon footprint of our industry seriously. We work hard to enable a more circular aluminium industry. Our extensive use of recycled aluminium is at the core of our innovative, circular business model.

Novelis has achieved Europe-wide ASI certification, reinforcing its commitment to responsible aluminium supply and sustainable manufacturing practices. This dual certification, covering both ASI Performance and Chain of Custody standards, ensures Novelis' aluminium solutions are responsibly sourced, produced, and processed.

All Novelis Europe facilities are independently certified to comply with ASI standards, demonstrating our commitment to shaping a sustainable world together.

Our ambitious carbon reduction goals include that Novelis will be a carbon neutral company by 2050 or sooner.

Novelis' Vision 3x30

To accelerate its sustainability efforts, the company recently announced Novelis 3x30, a company-wide vision to advance aluminium as the material of choice for circular solutions and accelerate the company's decarbonization and circularity efforts. Under 3x30, Novelis aims to achieve three ambitious objectives by the end of 2030:



Highly Circular

Achieve 75% average recycled content in our products



Low Carbon

Be the lowest-emissions, flat-rolled aluminium products provider at less than 3 tonnes of CO₂e per tonne of flat rolled product (FRP) shipped



Industry Frontrunner

Continue to lead the industry toward circularity through first-mover investments






Our Product Portfolio

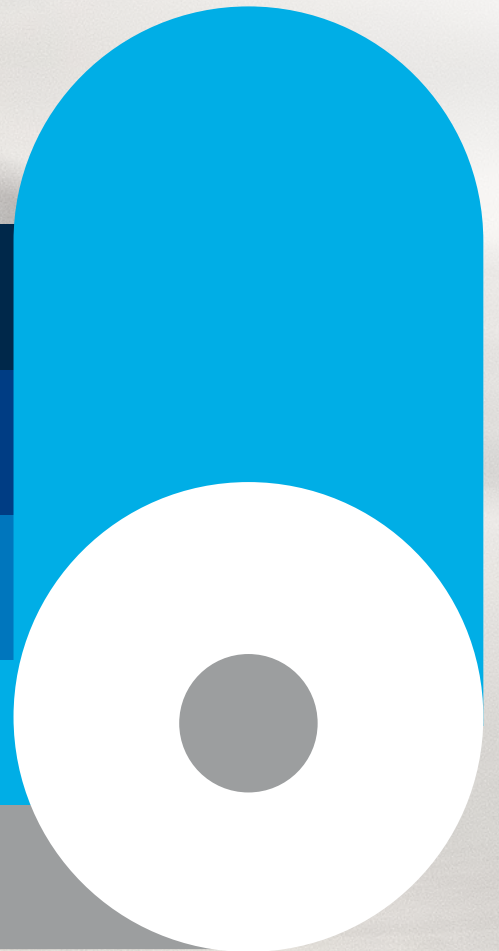
Novelis know-how
for your individual application

Long-time experience combined with constantly improved production processes and proven materials for customer-specific solutions.

Our possibilities of applications are as flexible as our tubes. Whether heat or cold, reflection or insulation, ventilation or fresh air and exhaust systems – we take on your challenges!

Novelis OHLER® Flexible Tubes Product Portfolio

	Heat Protection	tubes hoses mats
	Air Ventilation	simple silenced insulated
	Exhaust System	simple silenced insulated
	Insulation	hoses mats
	AL-COIL-CORE	D.6



Shaping a Sustainable World Together

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