



ARLON Silicones Technology



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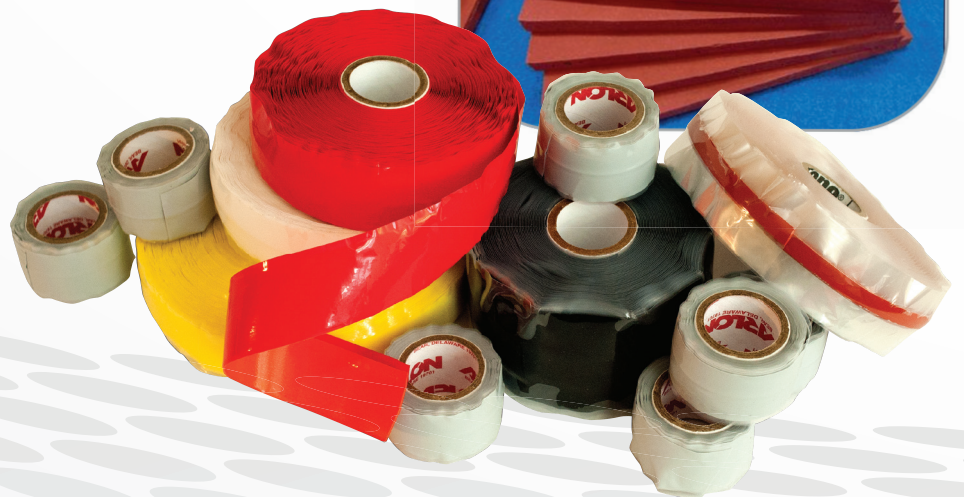
For over 60 years, Arlon has been the industry leader in innovation for calendered and extruded silicone, creating over 6,000 products for a variety of applications and industries. Customers continue to look to Arlon for solutions to their complex issues.

Self-Fusing Silicone Tape

ARLON® and MOX-TAPE® products are trusted brands of silicone self-fusing tape. With over 30 years of in-service use and over 20 specification qualifications, these tapes are used in industrial, military and aerospace applications.


ARLON and MOX-TAPE tapes bond irreversibly to themselves to provide an insulating barrier that is resistant to moisture, oxygen, ozone and corona over a wide temperature range.

With a wide variety of customization options, including unreinforced, reinforced, rectangular and triangular profiles the ARLON and MOX-TAPE silicone self-fusing tapes can be adapted to a variety of requirements.



Precision-Calendered Products

From 0.05mm (0.002") to over 12.7mm (0.5") thick, Rogers' expertise in calendering silicone onto a variety of substrates is unparalleled.



0.051mm to 12.7mm+
(0.002" to 0.500"+)

Rogers manufactures simple composites of solid and cellular silicone rubber by combining cured and uncured layers with fabrics, films, and foils.

Flexible Heater Substrates

The global leader in flexible heater substrates, including silicone and polyimide, these UL-certified materials are available in a range of thicknesses, configurations, and cure states to meet the demands of both wire-wound and etched-foil constructions.

Flexible Heater Thermal Insulation

A robust thermal insulation product specifically designed to work with the ARLON flexible heater substrates. Allowing excellent adhesion in demanding applications and increased design flexibility, these silicone sponge blankets provide thermal insulation for whatever your design needs require in your flexible heater construction.

Coil Insulation

A leading supplier of coil insulation for primary field coil, the numerous specification approvals reflect a commitment to quality and reliability.

UltraPad® Press Pads


The material of choice for heat press operations, ARLON UltraPad Press Pads deliver unsurpassed savings in running costs. Expert formulation and construction provide exceptional longevity compared to disposable products and other silicone press pads on the market.

Thermabond® Adhesives

Silicone based thermoset adhesives deliver improved reliability by decoupling stress created by mismatched coefficients of thermal expansion. Used in mission-critical military and aerospace applications, Thermabond adhesives are the choice of design engineers for the most demanding applications.

Secure® Thermal Management Materials

Design-changing technology combines thermal conductivity and fastening of sensitive electronic components to a substrate. The unique Secure technology provides design engineers greater flexibility in designing smaller and hotter boards.



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As an industry leader for over 60 years, Arlon has developed a reputation for quality, consistency, and innovation, and continues to provide solutions for the most demanding applications. Whether it's UL approval, military or aerospace specifications, Rogers has the industry knowledge and manufacturing expertise to meet most challenges.

Product Lines

Flexible Heater Substrates

Coil Insulation

Self-Fusing Silicone Tapes

Secure® Thermal Management Materials

Ultrapad® Press Pads

Thermabond® Adhesives

Thermovac® Vacuum Bags

Polyimide Dielectrics





Helping **power, protect, connect** our world™

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About Rogers Corporation

Rogers Corporation (NYSE:ROG) is a global leader in engineered materials to power, protect, and connect our world. With more than 180 years of materials science experience, Rogers delivers high-performance solutions that enable clean energy, internet connectivity, and safety and protection applications, as well as other technologies where reliability is critical. Rogers delivers Power Electronics Solutions for energy-efficient motor drives, vehicle electrification and alternative energy; Elastomeric Material Solutions for sealing, vibration management and impact protection in mobile devices, transportation interiors, industrial equipment and performance apparel; and Advanced Connectivity Solutions for wireless infrastructure, automotive safety and radar systems. Headquartered in Connecticut (USA), Rogers operates manufacturing facilities in the United States, China, Germany, Belgium, Hungary, and South Korea, with joint ventures and sales offices worldwide.