

LIQUID SILICONE RUBBER (LSR): SHAPING THE FUTURE

MOMENTIVE'S SILICONE ELASTOMERS DELIVER THE VERSATILITY MANUFACTURERS NEED TO CREATE THE PRODUCTS OF TOMORROW - TODAY.

Our durable LSRs feature excellent heat and weather resistance for long service lives. They're pumpable, so they can be molded into intricately detailed shapes with precise dimensions. And they maintain their flexibility at extreme temperatures.



From the toughest gaskets to the softest touch keypads, Momentive's LSRs enable the most innovative applications for the automotive, consumer goods, electronics, healthcare and energy industries.

INNOVATIVE PRODUCTS REQUIRE INNOVATIVE MATERIALS – AND MOMENTIVE'S LSRs ARE LEADING THE WAY.

MAKING THE GRADES THAT ENABLE INNOVATION

 <p>STANDARD</p> <ul style="list-style-type: none"> • General Purpose • Fast Cure/High Tear • Irrigation • Non Post-Cure Low Compression Set • Textile Coating • High Tear - Baby Care • Baby Care 	 <p>CUSTOM LSR</p> <ul style="list-style-type: none"> • Custom LSRs Automotive • Ultra Clear • Oil Resistant • Antimicrobial • Radio Opaque • UV-Cure • Reduced Self-Healing • Antistatic • Thermal Conductive 	 <p>HIGH-VOLTAGE INSULATION</p> <ul style="list-style-type: none"> • Electrically Insulating • Medium Voltage • Electro-Conductive • Cable Accessories
 <p>SELF-LUBRICATING</p> <ul style="list-style-type: none"> • Standard • Low Compression Set • Ultra Low Compression Set • Low Volatile 	 <p>SELF-BONDING</p> <ul style="list-style-type: none"> • General Purpose • Drinking Water Certified • Customized 	 <p>COATINGS</p> <ul style="list-style-type: none"> • Low Friction • Touch-Feeling
 <p>HEALTHCARE</p> <ul style="list-style-type: none"> • General Purpose • Fast Cure/High Tear 	 <p>FLUORINATED LSR</p> <ul style="list-style-type: none"> • General Purpose • Self-Lubricating 	 <p>ADDITIVES/PRIMERS</p> <ul style="list-style-type: none"> • General Additives • Primers

BRINGING ANY APPLICATION TO LIFE

Strong enough to insulate high-voltage wires, yet sensitive enough for wound drains, our customizable LSRs enable the production of countless applications. They're easy to process, offer very fast cure times and demold with ease - so manufacturing is efficient and productive.

	BENEFITS	APPLICATIONS
<p>AUTOMOTIVE</p> <p>Demonstrating excellent weather resistance, dielectric properties and resistance to many automotive fluids, our LSRs support a wide variety of applications under the hood and inside the vehicle.</p>	<ul style="list-style-type: none"> • High productivity • Long-term sealing force • Low temperature flexibility • High heat stability 	<p>► CONNECTOR SEALS ► SPARK PLUG BOOTS ► MEMBRANES</p>  <p>► OTHER APPLICATIONS: Gaskets, fuel system valves, o-rings, hoses, diaphragms, connector seals, air-management system, powertrain applications and oil-system seals</p>
<p>CONSUMER GOODS</p> <p>Offering heat resistance, flame retardancy, and moisture and dirt protection, our LSRs enhance sealing, bonding and insulating applications in consumer goods and home appliances.</p>	<ul style="list-style-type: none"> • Regulatory compliance • Easy to color • High productivity 	<p>► FOOD PACKAGING ► INFANT CARE ► HOUSEWARE</p>  <p>► OTHER APPLICATIONS: Bakeware, kitchen utensils, gasketing, advanced aesthetics, seals, emblems and irrigation</p>
<p>CONSUMER E/E MARKETS</p> <p>Featuring versatile performance properties, including high thermal conductivity and low hardness, our LSRs meet the diverse needs of numerous electronics applications.</p>	<ul style="list-style-type: none"> • High transparency • Easy to color • Skin friendly • High heat resistance 	<p>► LIGHTING ► MOBILE PHONES ► WEARABLES</p>  <p>► OTHER APPLICATIONS: Portable electronic devices, home networking and entertainment equipment, document handling systems, computers and laptops, projectors and keypads</p>
<p>HEALTHCARE</p> <p>Meeting strict biocompatibility and sterilization requirements, our LSRs enable the production of a broad range of disposable and reusable medical devices and supplies.</p>	<ul style="list-style-type: none"> • Regulatory compliance • Can withstand repeated sterilization processes • Easy processability 	<p>► DENTAL/SURGICAL DEVICES ► FLUID AND DRUG DELIVERY DEVICES ► INSTRUMENT GRIPS</p>  <p>► OTHER APPLICATIONS: Orthopedics, prosthetics, scar management, septa, stoppers, medical tubing, wound drains and bulbs, sterilization mats, pharmaceutical closures, dialysis o-rings, positioning devices, catheters and medical equipment keypads</p>
<p>ENERGY</p> <p>Offering potential replacements for ceramic materials (such as porcelain and glass) in medium- and high-voltage technologies, our LSRs present innovative solutions for the energy industry.</p>	<ul style="list-style-type: none"> • Lightweight • Low maintenance • Improved hydrophobicity • Excellent tracking and erosion resistance • Long service life 	<p>► INSULATORS ► CABLE ACCESSORIES ► SWITCH GEAR APPLICATIONS</p>  <p>► OTHER APPLICATIONS: Cable joints, terminations, breakers, disconnect switches and surge arrestors</p>

MOMENTIVE IS A GLOBAL LEADER IN LIQUID SILICONE RUBBERS, WITH A 75-YEAR HERITAGE OF BEING FIRST TO MARKET WITH PERFORMANCE APPLICATIONS FOR MAJOR INDUSTRIES THAT SUPPORT AND IMPROVE EVERYDAY LIFE.

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