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Adaptive3D™ Partners with MSOE Rapid Prototyping Consortium to Deliver Elastic ToughRubber 90 to Midwest Manufacturing Pioneers

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Dallas, TX – Adaptive3D Technologies announced a partnership with the Milwaukee School of Engineering (MSOE) Rapid Prototyping Consortium (RPC) to deliver its corporate membership priority access to Elastic ToughRubber (ETR) 90, a premium high-strain photopolymer for additive manufacturing.



Shown left - right: Jordan Weston and Vince Anewenter (RPC); Pratik Shah, Kial Gramley and Alex Cairns (Adaptive3D)

In the past, it has been challenging to additively manufacture elastomeric materials with rubber-like or polyurethane-like performance, especially those with high tear strength and sufficient strain capacity. ETR 90, a photoresin designed for DLP™ based 3D printing of flexible parts, achieves a high tear strength of 46kN/m along with greater than 200% elongation. Furthermore, it maintains this performance across a broad temperature window, including cold weather.

“The MSOE Rapid Prototyping Consortium is a top regional applied research center focused on additive manufacturing with an unparalleled membership of leading manufacturers,” said Kial Gramley, VP Sales & Marketing at Adaptive3D. He went on to say that “we are thrilled to partner with the RPC to enable its partner companies to develop and produce flexible parts and products with this high-performance additive manufacturing elastomer, suitable for all seasons of use.”

Vince Anewenter, RPC Director at MSOE, stated “Adaptive3D is one of the most exciting new companies to join our consortium as an RPC Development Partner, and we have already begun working with our members to identify and develop applications with this high-performance elastomer.”

About Adaptive3D Technologies

Adaptive3D delivers premium polymer resins for additive manufacturing and specialty end applications. The company has a mission to enable high-volume additive manufacturing through optimized materials. Adaptive3D offers leading additive manufacturing polymer resins and specialty polymers to a range of industries around the world in consumer, healthcare, industrial, transportation and oil and gas sectors. The company leads in printing and processing rubber-like materials, elastomeric materials, and low-cure stress photopolymers. The deeply technical company has developed a patent portfolio based on fundamental materials research, some of which has been translated from the University of Texas at Dallas and is based on

past funding from the Defense Advanced Research Projects Agency, the National Science Foundation and the National Institutes of Health. For more information, please visit [about us](#) page.

About Milwaukee School of Engineering Rapid Prototyping Consortium

Established in 1991, the [Rapid Prototyping Consortium](#) continues MSOE's tradition of building strong ties to business and industry. The Consortium includes industrial companies and educational institutions that cooperate in understanding the Consortium's vitality and success in a high level of industrial parts design and fabrication activity. Companies that take advantage of the facilities and expertise within the Consortium become stronger and more competitive.

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