



## NEWS RELEASE

FOR IMMEDIATE RELEASE

### **PolyOne's Custom TPEs Help Eldon James Create RoHS-Compliant Medical Tubing and Fittings**

***GLS TPEs use custom material technology to streamline the qualification process and simplify disposal by eliminating the need for disassembly***

ANAHEIM, Calif. – February 9, 2010 – PolyOne's GLS Thermoplastic Elastomers – a business within the Specialty Engineered Materials group and a global leader in high-performance, custom-formulated thermoplastics elastomers – today announced that Eldon James Corporation, a leading medical products manufacturer, recently selected GLS clear customized thermoplastic elastomers to create a new line of medical tubing and fittings.

Eldon James' strong commitment to technological innovation and anticipation of customer need led to the development of a new line of tubing and fittings designed to meet end-user demands for improved cleanliness and environmental responsibility without sacrificing flexibility, clarity or durability. GLS custom TPEs not only meet these criteria, but also offer a wide range of Shore A hardnesses that allow the same formulation to be used in both flexible tubing and rigid fittings. These grades, which are based on a newly developed material technology, streamline the qualification process and also simplify disposal for end users because the components do not require disassembly.

GLS custom grades enable the product line to meet environmental compliance regulations such as the European Union's Restriction of Hazardous Substances (RoHS) directive. These custom elastomers also feature extremely low leachables and extractables for patient safety, and higher-hardness grades can withstand autoclave sterilization at temperatures up to 135°C.

These custom TPEs provide the following additional benefits:

- Excellent flexibility for kink resistance and good drape
- Range of Shore A hardnesses from 66 to 84
- USP Class IV approved

- Incineration without release of hazardous chemicals
- Sterilization with autoclave, gamma and E-Beam radiation
- Exceptional clarity and quality consistency

Here at MD&M West, Eldon James is showcasing its product line at Booth 2267, and PolyOne is exhibiting its entire lineup of medical grade materials at Booth 1601.

Bill Coulson, vice president of product development for Eldon James, said, "PolyOne's GLS business offers a superior range of outstanding materials that are helping our company design specialized products to meet emerging customer needs and gain a competitive edge. Not only did GLS play a key role in our development of our medical lines, but they are also working with us on a new antimicrobial solution for applications that leverages the industry-leading high clarity and cleanliness of custom TPEs. GLS provides exceptional service and technical support, and we consider them the top TPE supplier in the market today."

"We are committed to our customers' success, and are proud to support Eldon James' development of innovative and antimicrobial tubing," said Rick Noller, director of global marketing, GLS Thermoplastic Elastomers. "These sustainable products highlight the value that our TPE solutions bring to the medical device industry, healthcare providers and patients. As our customers face increasingly strict requirements for safety and environmental protection, we continue to develop versatile, high-performance TPEs for the next generation of cleaner, safer and more eco-responsible medical products."

### **About Eldon James**

Eldon James Biomedical division, EJ BioMed, is an ISO Class 8 production facility manufacturing bioreactor ports, bioprocess tubing, medical tubing and pharmaceutical grade fittings. EJ Biomed employs advanced medical grade / modified TPE resins and other elastomers in its tubing products. Biomedical luers and fittings are molded from a range of USP Class VI resins. For additional information, please visit our Web site at [www.eldonjames.com](http://www.eldonjames.com).

### **About PolyOne**

PolyOne Corporation, with 2009 annual revenues of \$2.1 billion, is a premier provider of specialized polymer materials, services and solutions. Headquartered outside of Cleveland, Ohio USA, PolyOne has operations around the world. For additional information on PolyOne, visit our Web site at [www.polyone.com](http://www.polyone.com).

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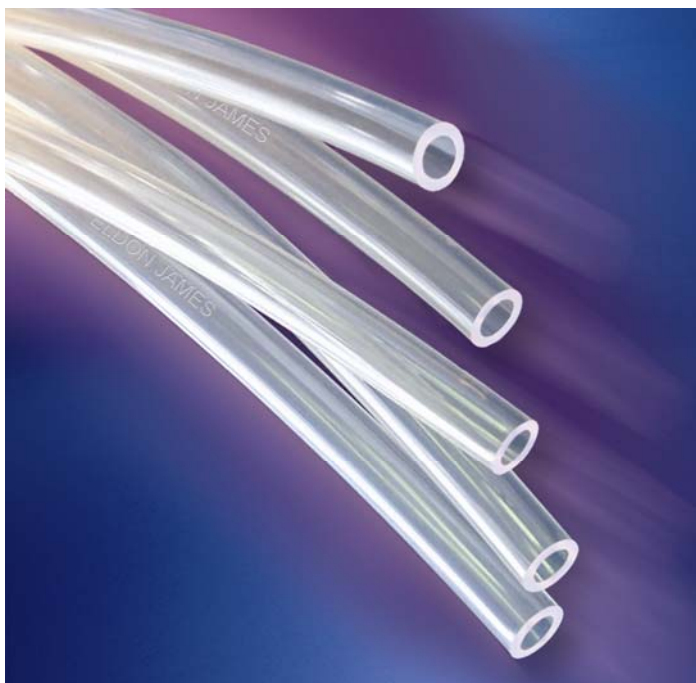


Photo: PolyOne's GLS Thermoplastic Elastomers today announced that Eldon James, a leading medical products manufacturer, selected clear customized thermoplastic elastomers (TPEs) to create its new "clean and green" line of medical tubing and fittings. The unique properties of these GLS materials enable Eldon James products to provide enhanced compliance with environmental regulations, very low leachables and extractables for patient safety, and outstanding mechanical properties including the ability for higher-hardness grades to withstand autoclaving at temperatures up to 135C.

EDITORS: For a high resolution image, please click here: [TPE Tubing](#)

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