**Press Release For immediate release**

**Trelleborg Releases Whitepaper on Advanced Extrusion Techniques for Healthcare & Medical Applications**

Trelleborg’s healthcare & medical operation releases a technical whitepaper, which discusses how engineered extrusion can help medical device makers improve device designs and patient experiences.

Dan Sanchez, Trelleborg Healthcare & Medical Product Manager for hosing and tubing, and author of the whitepaper, says: “Extensively used within the healthcare and medical industry in a wide variety of applications, from wound drains to catheters, drug delivery to feeding tubes, hosing and tubing technology has moved far beyond the production of single, hollow tubes to multi-lumen extrusions that may incorporate stops, bumps, and varying thicknesses in one design.

“Significant benefits can be achieved by taking advantage of innovative processes and the latest material options to reduce device manufacturers’ total cost of ownership while increasing component integrity. At the same time, manufacturing processes can improve patients’ quality of life by facilitating reduction in device size and weight, as well as incorporating multifaceted geometries, multiple substrates, and active pharmaceutical ingredients (APIs). This enhances treatment in terms of safety and comfort and makes wearable medical device options more feasible.”

Outlined in the whitepaper are key factors for consideration when specifying seemingly uncomplicated yet complex extrusions, along with material options concentrating on silicone extrusion technologies. Applications are also highlighted with actual examples.

This is just one of the resources available to the medical device designer that are accessible via the Trelleborg’s healthcare & medical operation website. Website visitors can find engineering tools, like the Tubing & Hose Selector and the Material Compatibility Tool, which are designed to support design engineers by simplifying material and product selection. The technical library houses whitepapers, webinar recordings and technical articles on a wide range of subjects, including extrusion, multicomponent technology and drug-eluting devices.

Tools, whitepapers and webinar recordings are available free-of-charge in the member area of the Trelleborg website. To access all healthcare & medical resources, go to [www.trelleborg.com/healthcare](http://www.trelleborg.com/healthcare).

**ENDS**

**For more information, please contact:**Sophie HudsonTel: +44 (0)7817 093930Email: sophie.hudson@trelleborg.com

**About Trelleborg Sealing Solutions and Trelleborg Group**

***Trelleborg Sealing Solutions*** *is one of the world’s leading developers, manufacturers and suppliers of precision seals, bearings and custom-molded polymer components. It focuses on meeting the most demanding needs of aerospace, automotive and general industrial customers. Its network extends to over 25 production facilities and more than 50 Costumer Solution Centers globally. The business area accelerates the progress of its customers through outstanding local support, an unrivalled product range including patented products and proprietary materials, a portfolio of established brands, unique process offerings, its ServicePLUS value chain solution and ‘Ease of Doing Business’ philosophy.*[*www.tss.trelleborg.com*](http://www.tss.trelleborg.com)

***Trelleborg*** *is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has annual sales of about SEK 33 billion (EUR 3.13 billion, USD 3.57 billion) and operations in about 50 countries. The Group comprises three business areas: Trelleborg Industrial Solutions, Trelleborg Sealing Solutions and Trelleborg Wheel Systems. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap.* [*www.trelleborg.com*](http://www.trelleborg.com)*.*