

RubberWorld

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**Twin screw extrusion for
TPE-TPO-TPU-TPV production**

**Continuous compounding and recycling
using a co-rotating twin screw extruder**

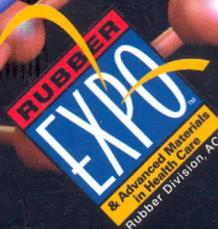
**NanoFlow extrusion die eliminates
advanced tubular limitations**

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FEATURES

17 Tech Service: Parylene coatings offer reliable protection

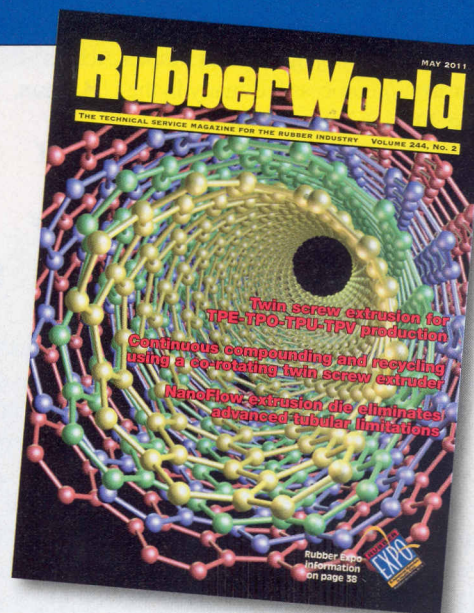
by Alan Hardy, Specialty Coating Systems. Parylene coatings are said to increase the reliability of individual components and complete systems, ensuring performance for the intended life of the product.

21 Continuous compounding and recycling using a co-rotating twin screw extruder

by Emanuele Finazzi, Alessandro Gallo and Pasqualino Lucci, Maris. Use of a co-rotating twin screw extruder in the continuous process for production of rubber compounds appears to be a valid alternative to the traditional batch system.

28 NanoFlow extrusion die eliminates advanced tubular limitations

by Roger Guillemette, Guill Tool. Customizing of the die for specific applications in the nanotechnology process is key in accommodating critical characteristics included in every final application for a tubing product.



Cover photo: Courtesy of Guill Tool

31 Twin screw extrusion for TPE-TPO-TPU-TPV production

by Charlie Martin, Leistritz. Twin screw extrusion advancements offer new opportunities for processes that are shear sensitive, or limited by torque and/or temperature.

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