

**Solvay launches Evolite™ F1050,  
a high-performance PVDF carbon fiber composite tape  
for demanding oil and gas applications.**

**Alpharetta, GA, April 25<sup>th</sup> 2018** --- Solvay launches Evolite™ F1050, a market first high-performance thermoplastic composite with continuous carbon fiber reinforcement for demanding offshore oil and gas applications. Evolite™ F1050 is a unidirectional tape combining the recognized excellent chemical and temperature resistance of Solef® PVDF with the inherent high strength performance of carbon fiber.

Evolite™ F1050 offers the performance and ease of processing required by the oil and gas Industry, as demonstrated by:

- Exceptional combination of mechanical and chemical resistance
- High temperature applications
- Compatibility with Automated Tape Laying (ATL) processes
- Customised fiber/matrix translation for maximum performance

Typical oil and gas applications Evolite™ F1050 include offshore hybrid flexible pipes and thermoplastic composite pipes (TCPs).

Thermoplastic composites are a key element of Solvay's growth strategy, leveraging the Group's vertical integration in specialty polymers and advanced carbon fiber composites technology and expertise. Thanks to its broad portfolio and deep technical knowledge, Solvay is uniquely positioned to offer advanced thermoplastic composites to meet the most demanding industry challenges. Evolite™ F1050 is the first launch in a portfolio of products that will enable lower total installed cost solutions for oil and gas operators through the weight reduction it offers.

Solvay will be introducing Evolite™ F1050 at the Offshore Technology Conference (OTC), April 30<sup>th</sup> - May 3<sup>rd</sup>, Houston TX. Visit us on booth 7310 in the NRG Arena to find out more.

*Solef® and Evolite™ are trademarks of Solvay.*

#### About Solvay Composite Materials

Solvay's new Global Business Unit Composite Materials is a global provider of technologically advanced lightweighting material solutions that enable our customers in the aerospace, automotive and other demanding industries to design, develop and efficiently manufacture high-quality, high-performance and complex composite structures. Composite Materials has the most extensive product portfolio, including prepregs, resin systems, adhesives and surfacing films, carbon fiber, textiles, tooling and vacuum bagging consumables, thanks to its leadership in advanced materials science, chemistry and application engineering. Solvay Composite Materials combines the former Cytec Aerospace Materials and Industrial Materials businesses.

**Solvay** is an advanced materials and specialty chemicals company, committed to developing chemistry that addresses key societal challenges. Solvay innovates and partners with customers worldwide in many diverse end markets. Its products are used in planes, cars, batteries, smart and medical devices, as well as in mineral and oil and gas extraction, enhancing efficiency and sustainability. Its lightweighting materials promote cleaner mobility, its formulations optimize the use of resources and its performance chemicals improve air and water quality. Solvay is headquartered in Brussels with around 24,500 employees in 61 countries. Net sales were €10.1 billion in 2017, with 90% from activities where Solvay ranks among the world's top 3 leaders, resulting in an EBITDA margin of 22%. Solvay SA (**SOLB.BE**) is listed on Euronext Brussels and Paris (Bloomberg: **SOLB.BB** - Reuters: **SOLB.BR**) and in the United States its shares (**SOLVY**) are traded through a level-1 ADR program.

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