

# Ventec High-CTI Substrate Drives Increased Vehicle Electrification

*Ventec has developed a high-CTI substrate for circuitry in environments where high humidity, -temperatures and atmospheric contaminants are expected.*

LEAMINGTON SPA, UNITED KINGDOM, June 4, 2020 /EINPresswire.com/ -- The increasingly complex typical vehicle electrical infrastructure, with many electronic control units (ECUs) positioned in harsh underhood environments where high humidity, -temperatures and atmospheric contaminants are expected, demands high reliability and durable materials for highest safety. Ventec International Group Co., Ltd. (6672 TT) has developed a high-CTI substrate (VT-441C) that offers an environmentally friendly, high-performance copper clad laminate that creates a stable and reliable platform on which to build ECU circuitry.

Increased electrification of vehicles is a trend now firmly entrenched, enabling more features, greater economy, superior reliability. ECU's are positioned in harsh and distributed throughout the vehicle managing functions from critical safety systems such as airbag or ABS controllers to engine management and comfort features such as electric windows and electric seats. Reliability and thermal management is a must, so paying attention to the properties of materials at the substrate level is the first step towards achieving the most stringent performance targets.

The solution begins with high-performance substrate materials such as Ventec's VT-441C high-CTI substrate that ensures reliability in the presence of high applied voltages in harsh and humid environments. With a Grade 0 (>600) Comparative Tracking Index (CTI) and a glass transition temperature (Tg) of 155 Degree Celcius, the versatile halogen-free material is the perfect choice for use in extreme high-temperature/humidity applications.

VT-441C is available in sheet or panel form with core thicknesses of 0.004" (0.10mm) to 0.200" (5mm).

Ventec International is a world leader in the production of polyimide & high reliability epoxy laminates and prepregs and specialist provider of thermal management and IMS solutions. Further information about Ventec's solutions and the company's wide variety of products is available at [www.ventecclaminates.com](http://www.ventecclaminates.com) and/or by downloading the Ventec APP.

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## About Ventec International Group

Ventec International is a premier supplier to the Global PCB industry. With volume manufacturing facilities in Taiwan and China and distribution locations and manufacturing sites in both the US and Europe, Ventec specializes in advanced copper clad glass reinforced and metal backed substrates. Ventec materials, which include high-quality enhanced FR4, high-speed/low-loss- & high-performance IMS material technology and an advanced range of thermal management solutions, are manufactured by Ventec using strict quality-controlled processes that are certified to AS9100 Revision D, IATF 16949:2016 and ISO 9001:2015, and are backed by a fully controlled and managed global supply chain, sales- and technical support-network. For more information, visit [www.ventec laminates.com](http://www.ventec laminates.com).

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This press release contains projections and other forward-looking statements regarding future events or our future financial performance. All statements other than present and historical facts and conditions contained in this release, including any statements regarding our future results of operations and financial positions, business strategy, plans and our objectives for future operations, are forward-looking statements. These statements are only predictions and reflect our current beliefs and expectations with respect to future events and are based on assumptions and subject to risk and uncertainties and subject to change at any time. We operate in a very competitive and rapidly changing environment. New risks emerge from time to time. Given these risks and uncertainties, you should not place undue reliance on these forward-looking statements. Actual events or results may differ materially from those contained in the projections or forward-looking statements. Some of the factors that could cause actual results to differ materially from the forward-looking statements contained herein include, without limitation: (i) the contraction or lack of growth of markets in which we compete and in which our products are sold (ii) unexpected increases in our expenses, including manufacturing expenses, (iii) our inability to adjust spending quickly enough to offset any unexpected revenue shortfall, (iv) delays or cancellations in spending by our customers, (v) unexpected average selling price reductions, (vi) the significant fluctuation to which our quarterly revenue and operating results are subject, (vii) our inability to anticipate the future market demands and future needs of our customers, (viii) our inability to achieve new customer wins or for customer wins to result in shipments of our products at levels and in the timeframes we currently expect, (ix) our inability to execute on strategic alliances, (x) the impact of natural disasters on our sourcing operations and supply chain, and (xi) other factors detailed in documents we file from time to time with the Securities and Exchange Commission.

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