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Safety needle system benefits from effective lidding solution

Constantia Flexibles was awarded an Alufoil Trophy 2014 in the Technical Innovation category for CONSTANTIA Perform, a sterilisable lidding foil developed for Greiner Bio-one's VACUETTE® PREMIUM Safety Needle System Tube-Touch. The VACUETTE® blood collection safety device consists of needle, tube holder and protective cap. The tube holder is sealed with an aluminium lidding foil to ensure the interior is sterile and offers good barrier resistance and toughness.



“This is a very complex device which has a remarkably simple solution for the sealing element thanks to the properties of alufoil,” observed the chair of the judging panel Dr Mark Caul, Technical Manager for Packaging at Tesco, “Not only does the foil maintain the sterile environment, it is strong enough to resist puncture and can carry vital printed information for traceability and other important data. What more can be asked from a small piece of alufoil?”

This lidding foil comprises a laser markable and abrasion-resistant overlacquer print primer, 60µm soft aluminium, with a peelable sealing layer based on polypropylene 25g/m. Constantia says the foil allows easy and clean opening without filaments at the tube, it is sterilisable with gamma radiation, offers optically perfect print layout and perfect positioning in the machine, as well as high mechanical consistency against abrasion. The material is also suitable for laser marking (print of 2D-code, lot number and date of expiry).

Werner Tauchner, account manager for the company explained the significance of the award, “Winning an Alufoil Trophy is important for our business because it shows a successful application solution from Constantia Flexibles which helps our client to protect his product and also to be successful on the market.”

The Alufoil Trophy is organised by the European Aluminium Foil Association. There are five categories – Consumer Convenience, Marketing + Design, Product Preservation, Resource Efficiency and Technical Innovation. Judges also gave a Discretionary Award. For 2014 there were 12 winners.

High resolution pictures can be downloaded and all winning entries can be viewed at www.alufoil.org

Further information:

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The European Aluminium Foil Association is the international body representing companies engaged in the rolling and rewinding of alufoil and in the manufacture of aluminium closures, alufoil semi-rigid containers and of all kind of flexible packaging. Its more than 100 members include companies in Western, Central and Eastern Europe.