

**April 2014**

## **Integrated sack liner creates highly effective barrier for dry products**

Using a standard gauge alufoil liner, **Gascogne Laminates** has helped to create a sack which offers maximum product protection for a range of sensitive products for its client **dy-pack Verpackungen**. The **SAFE**dy sack impressed the Alufoil Trophy 2014 judges, who gave it an award under the Product Preservation category in this year's competition.

Dr Mark Caul Technical Manager for Packaging at Tesco, who headed the judges, explained the findings of the panel, "This looks a very straightforward solution. In fact the design incorporates a clever deaeration system which enables efficient filling as the air can escape through perforations in the liner. In addition the alufoil creates a highly effective barrier to moisture, air or gas and can also keep odours in - ideal for a wide range of dry filled goods."



The alufoil is visible on the inside of the sack and not covered by another moisture containing paper layer. In combination with the perforation system and an innovative overlapping technique for the paper layers, a very high grade of protection and prolonged stability of the contents is possible.

Dr Christoph Kirchner, R&D/innovations manager at Gascogne Laminates remarked, "This Alufoil Trophy for dy-pack in the Product Preservation category is a very important recognition of our on-going product development and underlines our innovative power in the industry."

The design, says dy-pack, can accommodate the valve which is normally included to fill and close the sack, which allows its use on all existing dry goods bulk filling machines. Different coatings can be applied to the liner to protect different products. The standard alufoil grade for the pack is 7µm, although this too can be varied to suit the application. SAFE

*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](http://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.*