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Alufoil Trophy 2011: Protective Lifeline for Fire Suppression

The diversity of applications for which alufoil is used was proved by an alufoil bladder from **Protective Packaging** used for Lifeline Fire & Safety Systems Zero 360 range of fire suppression systems, which won an Alufoil Trophy 2011 for Product Preservation.

This interesting and unusual application was described by head judge Alan Moffat, Packaging Development Manager, H. J Heinz R & D as an interesting and unusual application for the Motor Sport and Defence industries.

Manufactured from PET/ALU/OPA/LDPE with a welded stem which contains fire suppressant, the bladder is available in either a flat or cylindrical design. It is housed in an aluminium cylinder which is super pressurised with Nitrogen as the propellant. When there is a sudden rise in temperature Nitrogen compresses the bladder and the fire suppressant is discharged through the valve and two discharge outlets which are strategically placed within the vehicle. The pre-fabricated aluminium foil laminate stops any Nitrogen transfer in to the fire suppressant and enhances the shelf and service life of the extinguisher.



Simon Jolly, Sales Director, Protective Packaging Limited stated, "We are delighted to have won this prestigious award along with Lifeline Fire & Safety. We are constantly striving to manufacture new and innovative applications and the inner bladder for the Lifeline fire suppression system was an exciting new challenge."

- Alufoil Trophy 2011 is organised by the European Aluminium Foil Association. There are five categories – **Consumer Convenience; Design + Marketing; Product Preservation; Resource Efficiency; and Technical Innovation**. Judges also award **Cross-category Excellence** winners. For 2011 there were 13 winners from 66 entries.
- High resolution pictures can be downloaded and all winning entries can be viewed at www.alufoil.org
- The winning packs will be display at interpack 2011, Dusseldorf – May 12-18 2011

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

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