

# Best protection for baby food

PROVALIN® has been recognised as a universal PVC-free game changing for glass jars

**S**ustainability is of the upmost importance to ACTEGA DS. It's at the forefront of everything they do and consistently drives the development of standout new products and processes such as the PVC-free P/T sealing material PROVALIN®.

PROVALIN® is a sealing material for glass jars. It's a thermoplastic elastomer (TPE) which doesn't require any plasticisers and therefore displays extremely low-migration characteristics. Long-term tests have shown that PROVALIN® is safe and complies with new EU and FDA regulations.

The product has been recognised as a game-changer in the highly-sensitive area of baby food, winning the Canmaker Gold Award for the PVC-free Press-on Twist-off®/P/T seal for baby food.

For PROVALIN®, the sky is now the limit. This key innovation dispenses entirely with PVC and all plasticisers classified as either harmful or insufficiently tested.

Unlike PVC, which can contain up to 45 percent fat-soluble plasticisers capable of migration on contact – especially with fatty foods – this seal solution is based on thermoplastic elastomers and has extremely low-migration properties. It means there is no negative impact on food whatsoever.

Food manufacturers, retailers and consumers who have long been on the lookout for PVC-free and sustainable alternatives can now rely on extensive expertise in the development of PVC-free solutions for metal seals, alongside food in glass jars. PROVALIN® was developed, as a concept, some ten years ago. Since then, it has been tested, refined and gradually made ready for the market, beginning in 2010. Due to corresponding EU regulations (including EU 10/2011 and PIM), merchandiser demand for solutions without PVC and plasticizers - and consumer demand for sustainable packaging materials, the PROVALIN® family has since grown

to include several variants tailored to specific contents and thermal curing. With more than one billion twist-off lids per year in the European market, there is no alternative to this PVC-free solution. With PROVALIN® 1771 and 1741, the gap is now closed for the highly-sensitive area of baby food. The sealing solutions can be used for all contents that are heat-treated, particularly sensitive contents. Extensive tests, covering processing, storage, vacuum retention, opening properties and migration, have all returned outstanding results. With this P/T seal solution, ACTEGA DS is now able to offer all companies who are fully focused on consumers – in this case, the welfare of young children in particular – a legally-conformant and convincing alternative.

For more information, please email: [info.actega.ds@altana.com](mailto:info.actega.ds@altana.com) or go to their website: [www.actega.com/ds](http://www.actega.com/ds)

