

Press release

LINDAL's barrier pack application lab now offers full support for high viscous formulations

Hamburg, Germany – February 24th, 2021



LINDAL's barrier pack application laboratory was launched in January 2018 and has now become a knowledge and product development hub, where customers launching new Bag-on-valve (BOV) products can obtain product samples, develop product specifications and test protocols, conduct compatibility studies and learn more about the advantages of barrier packaging systems.

Similar services are now available for high viscous products to support growing market needs, which reflects LINDAL's commitment to continuous innovation. This will be a valuable resource for customers throughout the launch cycle of barrier pack systems designed to dispense high viscous products like glues, lubricants, silicones and food, which represent a real challenge when packaged in an aerosol format.

LINDAL's LinRoc® technology is well known across the industry and is considered as a reference package for high viscous products. The piston in can system specifically developed for high viscous formulations such as sealants works with either liquified or compressed gas. A double piston is used to separate the container into two different compartments, allowing a product to be stored separately from the propellant. LinRoc also benefits from a fast-filling speed which is completed before the valve placement during assembly. There are many configurations available with LinRoc which offer flexibility when selecting lever types, can size, spreaders and caps.

LINDAL also offers a new innovative technology dedicated to viscous formulations called Bag-on-can (BOC). BOC is a bag welded on to an open aperture or collar that sits on the can opening, and not directly onto the valve. The BOC can be filled through the collar prior to crimping the valve to the can. In this instance, the collar acts as a gasket, sealing the barrier pack to both the valve and the can. BOCs are used with LINDAL High Delivery Valves to dispense viscous formulations that previously were difficult or even impossible to dispense via conventional aerosol packs.

Kashif Choudhry, LINDAL Group Marketing Manager, commented: "We are very excited to build upon our existing BOV application lab to offer support specifically for high viscous products. We see these products as key differentiated solutions within our portfolio that offer many benefits to our customers. This commitment allows us to provide further support to our customers and aligns with our vision of being an innovation partner."

Case study

We are pleased to say that our high viscous product experts have already seen the new capabilities pay dividends for one of our customers, CX80 Polska. The brand is a leading manufacturer of silicones, professional adhesives, greases and specialised lubricants.

Having identified potential areas for development, they sought to create a modern, secure and fully functioning packaging solution for its silicone products. The objectives were twofold: make the product highly convenient and position the brand as a valuable alternative for similar products.

CX80 turned to LINDAL for support and after testing our LinRoc® barrier pack system, ideal for high viscous products and with a 96-98% evacuation rate, they were happy to go ahead. During the implementation process, we worked closely with the CX80 team, providing comprehensive training during the stability testing period and hands-on technical support during the selection of appropriate specifications.

CX80 Polska set out to become the first company in Poland to offer LinRoc for multiple applications. Not only did they achieve this ambition but the process also proved a success

thanks to the ongoing support from the LINDAL team, a collective understanding of the innovation, and the overall trust between the teams.

Dariusz Nadera, owner of CX80 said: “LINDAL accompanied CX80 Polska throughout the whole process as a partner, facilitating in-depth training sessions, providing services and a ‘hands-on’ attitude. Whenever critical situations appeared we could always rely on LINDAL’s technical knowhow and expertise to provide the best solution.”

About LINDAL Group

LINDAL Group is a worldwide leader in the design, manufacture and sale of valves, actuators and spray caps used in aerosol products. The Hamburg, Germany-based company has more than 60 years of experience with innovative dispensing solutions for the cosmetics, household, pharmaceuticals, food and technical industries.

The LINDAL Group is represented by subsidiaries and licensees in more than 15 countries throughout Europe, Asia and The Americas. The company is renowned for its innovative designs, which deliver optimal functionality and return on investment. As a result, LINDAL packaging solutions are the choice of the world’s most prestigious and trusted brands.

For more information, please contact: marketing@lindalgroup.com