

Zydus and SIG sign deal for novel packaging solution to unveil first single-serve spouted pouches for liquid cough and cold medication

Zydus Lifesciences Ltd., a global innovation-driven lifesciences company, and SIG, a leading packaging solutions provider, entered into an agreement to pioneer packaging of liquid cough and cold medication in single-serve spouted pouches featuring the tethered spout solution SIG StrawCap 30 Linked and the SIG Motion Servo 3.2 filling technology. This launch marks a significant advancement in pharmaceutical packaging, delivering precisely dosed medicine, improved hygiene, and reduced product waste.

Abdelghany Eladib, president & general manager, India, Middle East and Africa at SIG: “Single-serve spouted pouches for pre-portioned pharmaceuticals, such as cough syrup, position us as frontrunners in the industry and represent a significant advancement in both patient comfort and safety.”

The new packaging solution for Zydus’ ‘Deriphyllin CoughGo’ enables 5 ml and 10 ml mini-portions of ready-to-consume medicine in spouted pouches, also known as siplets. Traditionally, cough medications are offered in multi-serve bottles, where precise dosing is often difficult or leads to product waste when unused medicine expires before the packaging is emptied. Zydus’ move to single-serve spouted pouches directly addresses these issues by offering convenient, portable, and unbreakable alternative, where a precise dosage is delivered in the pouch. The new packaging solution reduces contamination risk and improves ease and convenience for patients. No spoons, syringes, or other tools are required, making this solution ideal for use on the go.

At the core of this innovation is SIG StrawCap 30 Linked, a tethered spout solution with a straw included. It enables direct, mess-free consumption without the need for additional straws or dosing devices. The solution combines all convenience features of a conventional spouted pouch closure combined with the benefit of a very lightweight and resource-efficient design. It uses 3x less plastic compared to a conventional pouch closure with cap. This makes SIG StrawCap 30 Linked a cost-effective, resource-saving, and equally environmentally conscious solution, as the cap remains attached to the pack, increasing the chance of avoiding plastic litter. The solution is set to be combined with SIG Terra RecShield film in the future, fully designed for recycling.

The spouted pouches are formed and filled using SIG’s Motion Servo 3.2 horizontal form-fill-seal (HFFS) machine, with patented servo technology for high-precision filling. “With SIG Motion Servo 3.2 installed at Zydus and SIG StrawCap 30 Linked, we are transforming how liquid medications are delivered – making them easier to dose, safer to consume, and less likely to go to waste,” said Christoph Wegener, chief markets officer at SIG.

Dr. Sharvil P. Patel, managing director, Zydus Lifesciences Limited. “Continuing with our patient-centric approaches, we are introducing Deriphyllin CoughGo in single-serve spouted pouches utilizing SIG’s advanced filling technology. We have always championed innovation

that brings greater convenience for our patients and with this launch we set a new standard for safe intake of medicine which also helps in reducing product waste in India.”

Dhandutt Shah, managing director India for SIG’s bag-in-box and spouted pouch business: “We are excited to collaborate with Zydus to introduce single-serve spouted pouches to India’s pharmaceutical sector, combining SIG’s advanced spouted pouch technology with a shared commitment to quality, safety, and patient wellbeing. This innovation not only benefits manufacturers, it improves the everyday lives of consumers.”

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