Press Release

NEW: Inliner hose for the dosing of highly viscous materials

Simplified cleaning - flexible, effective production

In the cosmetics sector, ViscoTec barrel extraction solutions are often used to feed highly viscous products such as mascara to filling stations. While the emptying and dosing systems can be easily disassembled for cleaning, this does not apply to the hoses in use. This is why customers increasingly approached ViscoTec and asked for a solution to simplify cleaning. The dosing technology specialist turned to Alfons Markert + Co. GmbH / marsoflex® with this problem. The two companies have been working together on various projects since 2015.

Patrick Macenka, Technical Sales at ViscoTec, explains more about finding solutions:

* What problems do your customers have to overcome without the in-liners?

Patrick Macenka: To clean a hose containing highly viscous products such as mascara, you have to flush it turbulently and ideally push it out beforehand using a pigging system. The customer requires both systems otherwise such systems need to be obtained. Our task was to find a simple solution that we could providey directly to our customers. Simplified cleaning is particularly important when different materials run on one system.

* Please describe the jointly developed solution:

Patrick Macenka: The outer hose remains the same as many customers already know. We chose a PTFE material because we are convinced of the good sliding properties of this material. An in-liner made of food-safe film is fed through the inside of this hose. Markert has developed a special, innovative system for fastening the in-liner.

* What are the advantages for the customer?

Patrick Macenka: The product does not come into contact with the actual hose. At the end of production, the tube is removed, the special sealing device is released and the foil in-liner is simply pulled out. A new in-liner is fed through and attached and the hose is immediately available again - cleaning is completely unnecessary. This saves valuable working time.

* In which areas, or for which applications can the in-liners be used?

Patrick Macenka: We primarily developed the concept for the cosmetics sector. However, applications are conceivable in many areas in which hose cleaning is required. By using FDA compliant film, we can also serve the food and consumer goods sectors with this solution. Application in the pharmaceutical sector is also possible.

In this video, the advantages become even clearer: <https://youtu.be/5P5aZjvm1Vk>

2,532 characters including spaces. Reprinting free of charge. Copy requested.

Pictures:

Ein Bild, das sitzend, Tisch, Paar, Fahrrad enthält.

Automatisch generierte Beschreibung Ein Bild, das Paar, Tisch, stehend, legend enthält.

Automatisch generierte Beschreibung Ein Bild, das sitzend, Paar, Tisch, Kragen enthält.

Automatisch generierte Beschreibung

Advantage of the new inliner hose: The product does not come into contact with the actual hose – cleaning is completely unnecessary.

ViscoTec – Perfectly dosed!

ViscoTec Pumpen- u. Dosiertechnik GmbH manufactures systems required for conveying, dosing, applying, filling and emptying medium to high-viscosity fluids. The technological leader headquarter is in Töging a. Inn (Bavaria). Furthermore, ViscoTec has subsidiaries in the USA, in China, Singapore, India and in France and employs about 260 people worldwide. Numerous sales partners all over the world complete the international distribution network. Next to technically sophisticated solutions to even the most complicated application, ViscoTec is the single point of contact to deliver all components for a complete system: From emptying to preparing and to dosing. This guarantees successful interaction of all components. All fluids showing a viscosity of up to 7.000.000 mPas can be conveyed and dosed almost pulsation-free and with extremely low shear. ViscoTec offers comprehensive consulting for every application and, if required, extensive tests will be carried out in close cooperation with the customer. The dosing pumps and systems are perfectly adapted to their respective application whether it is the food sector, the e-mobility industry, the aerospace field, the medical technology, the pharmaceutical industry and many other branches.

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