



Introduction

A global leader in the manufacture of home and personal care products was experiencing problems with heavy leakage on a sifter. The sifter was part of their detergent line and the silicon and cloth connectors they were using were fastened with hose clamps that constantly leaked and regularly tore off. They were losing a lot of production time to replace the torn connectors and cleaning up the spilled product was an ongoing labor cost. They needed a durable leak-free solution.

Before



After



The Challenge

The detergent-line sifter had a considerable oscillation of 1.5" in each direction, which is very demanding on the flexible connectors. The company was using cloth and silicon connectors fastened with hose-clamps.

The high oscillation caused frequent tearing of the connectors and constant vibration throughout the sifter. It also caused leakage of

The Solution

The appropriate measurements were calculated and a BFM® fitting flexible connector system was installed on the detergent line sifter.

The result has been a 100% sealed connection with no leakage at all. The snap-fit installation of the distinctive, blue-banded connectors makes it easy for staff to remove, clean and replace when required, without the need for any tools.

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the powder throughout the surrounding area. The powder leaking into the factory environment was also a health and safety concern for staff. Downtime to repair the failed connectors and the associated manpower required to clean up the spilled product was a major issue.

Downtime has been dramatically reduced as there is no longer replacements or clean-up required, and the factory environment is much safer for staff.

The Benefits

 <p>Hygiene</p> <p>The seal of the BFM® snap-fit cuffs means dust is no longer leaking into the factory environment.</p>	 <p>Installation</p> <p>No difficult and sharp hose-clips to be manipulated means connectors can be snapfitted in the correct place every time. Fast and easy.</p>
 <p>Downtime</p> <p>There has been no more downtime to replace torn connectors or clean-up leaked or spilled product.</p>	 <p>Health & Safety</p> <p>A healthier factory environment & no tools are required for fitting means staff are safer & happier using the BFM® fitting connector system.</p>

“The BFM® fitting will help us reduce the downtime and increase our productivity. Even though there is a 1.5” throw per side, the connector is working perfectly.”

– Production Manager, Leading FMCG manufacturer

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