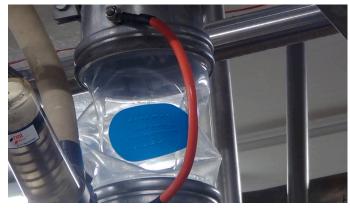# CIP (Clean In Place) Change-Over

BFM® fitting works very well in CIP (Clean in Place) installations. The tight seal, impervious media and ease of removal make cleaning and maintenance during CIP a breeze.

Seeflex 040E has excellent abrasion and chemical resistance. The connector can be used during the CIP process and very easily removed for cleaning any residual chemicals.

Many companies like to have a separate connector especially for the CIP process. BFM® can supply a product that is clearly marked 'Wash Sleeve' (see adjacent picture), and the ease of change means this connector can be simply snapped in for the wash cycle only.

You can view a video of a BFM® working in a CIP application on our YouTube channel: www.youtube.com/thebfmfitting

BFM® WASH SLEEVE CONNECTOR

ENSURE GOOD CLEANING PRACTICES ARE FOLLOWED

In most cases, maintaining the BFM® connector is purely a matter of good housekeeping. If the CIP chemicals (usually either caustic or acid) are not washed off thoroughly then they will leave yellow stains on the Seeflex 040E media. This is not contamination but simply discolouration of the media through a lack of rinsing. Chemical solution that remains on the connector will evaporate leaving a corrosive layer of chemical on the connector fabric.

CIP CHANGE OVER SYSTEM

CIP CHANGE OVER SYSTEM

KEEP WITHIN RECOMMENDED CHEMICAL CONCENTRATION LEVELS

Below are the maximum concentration levels that should be used during a CIP for acid and caustic. Any greater level does not provide an increased benefit in terms of cleaning the system, it is purely wasting chemicals. Excess levels will also adversely affect other parts in the system, such as seals and gaskets.

ACID:	No more than 0.8%
CAUSTIC:	No more than 1.5%

AVOID THE FOLLOWING:

- Peroxyacetic acid and Sodium Hypochlorite as it is extremely harsh on rubbers, gaskets and seals, including the Urethane of BFM® Seeflex connectors. If required, do not use in high concentrations or with temperatures over 45°C/113°F as it is too harsh.

- Washing in water over 100°/212°F or exposing to direct steam.