

Rubber Fab Technologies Group's

TUF-FLEX[®]

Uniting the flexibility of an elastomer with the inert chemical resistance of PTFE to create the ultimate in gasket performance for the beverage industry

RUBBER FAB
technologies group



TUF-FLEX

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The Tuf-Family Overview

High Performance With Exceptional Purity

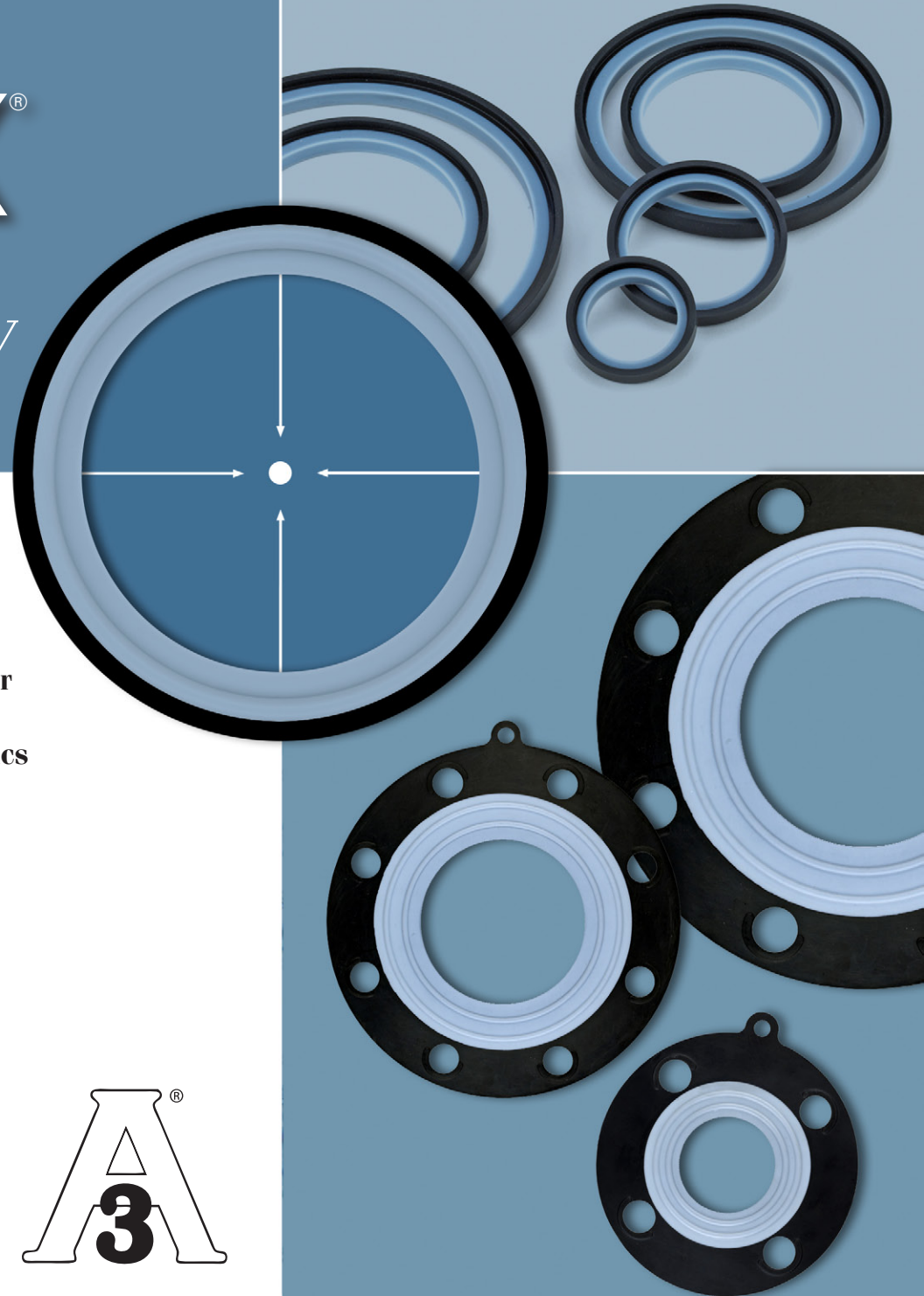
Tuf-Flex, the **revolutionary sanitary gasket** from Rubber Fab Technologies Group, is a **unitized gasket** setting new standards for **purity, performance and flexibility**. A Tuf-Flex sanitary gasket's contact surface is a **layer of PTFE unitized to an EPDM rubber inner core**. By unitizing the elastomer with a layer of PTFE, **Tuf-Flex will perform like an elastomer with the chemically inert characteristics of a PTFE sanitary gasket**.

Tuf-Flex Highlights

- Unitized sanitary gasket
- Construction: EPDM rubber core with PTFE outer shell
- Specialized for use in the beverage, food, and pharma industries
- Will not impart taste or odor
- Extended service life with **greater uptime**
- 3A, FDA and Class VI tested
- Three standards available:
 - Tuf-Flex for sanitary tri-clamp[®] connections
 - IDF-Flex for International Dairy connections
 - Ansi-Flex for 150# flange connections



For more information, contact Rubber Fab at 973-579-2959, or visit www.rubberfab.com.



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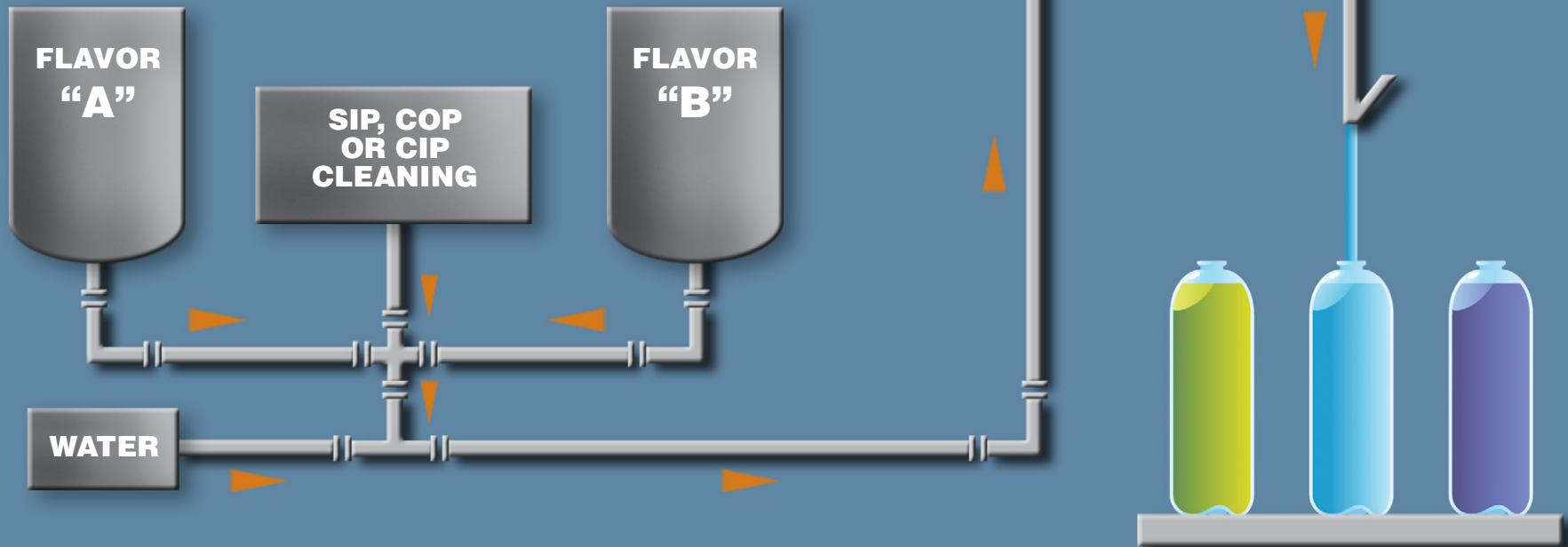
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Flavor Change

In the beverage production plant, various undiluted liquid flavor tanks are utilized. Undiluted liquids are mixed with water or other liquids and then transferred into cans or bottles.

Various liquids, flavors and water flow through the mixing pipes. When changing from flavor "A" to flavor "B" (flavor change), the piping needs to be flushed and completely cleaned (CIP cleaning).

Tuf-Flex will not impart taste or odor increasing uptime and minimizing changeouts and downtime.



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Conventional Elastomeric Gasket vs. Tuf-Flex®

Deterioration caused by repeated SIP, COP, and CIP cleaning



Superior inert chemical resistance withstands repeated SIP, COP, and CIP cleanings

Maintains and holds flavor residue on elastomer gasket surface



Non-stick PTFE contact surface remains flavor residue free

Contamination of elastomer by product flavor absorption



No flavor transfer or absorption

Micro-organism contamination due to elastomer deterioration



Easier to clean and less contamination by micro-organism

Frequent changeout of deteriorated and contaminated gaskets



No deterioration or contamination – fewer changeouts required

Constant deterioration causes difficulty to clean



Contact surface easier and quicker to clean due to low contamination

**CONVENTIONAL ELASTOMERIC GASKET:
Lower Productivity – Greater Downtime**

**TUF-FLEX:
Higher Productivity – Lower Downtime**