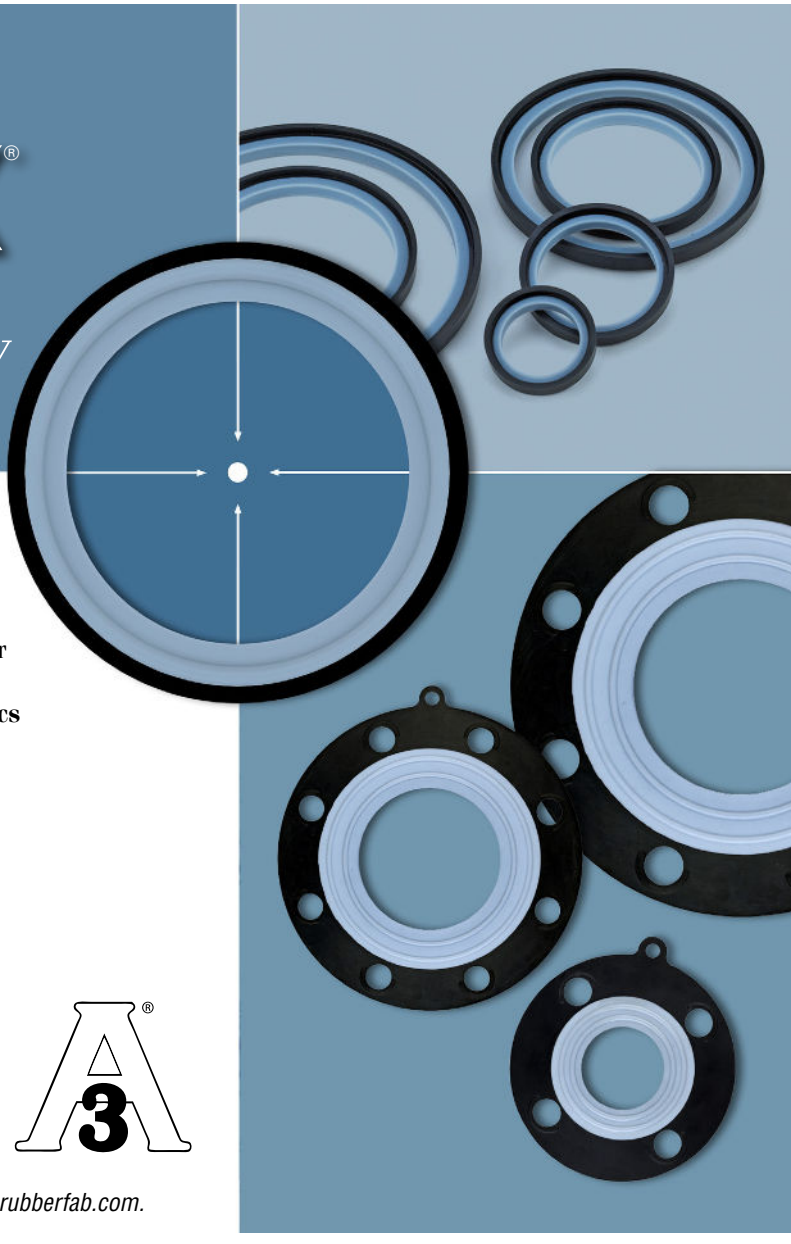

Rubber Fab Technologies Group's
TUF-FLEX®
Uniting the flexibility of an elastomer with the inert chemical resistance of PTFE to create the ultimate in gasket performance for the beverage industry
tuf-flex
RUBBER FAB
technologies group
Iced Tea
Orange Juice
0.5L
FRESH
COLA
DRINK
0.5L
FRESH
LEMON
DRINK
ENERGY
SPORTS DRINK
NATURAL MINERAL
100%
WATER

Rubber Fab Technologies Group's

TUF-FLEX®

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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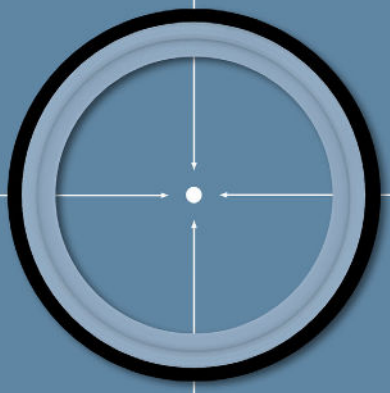
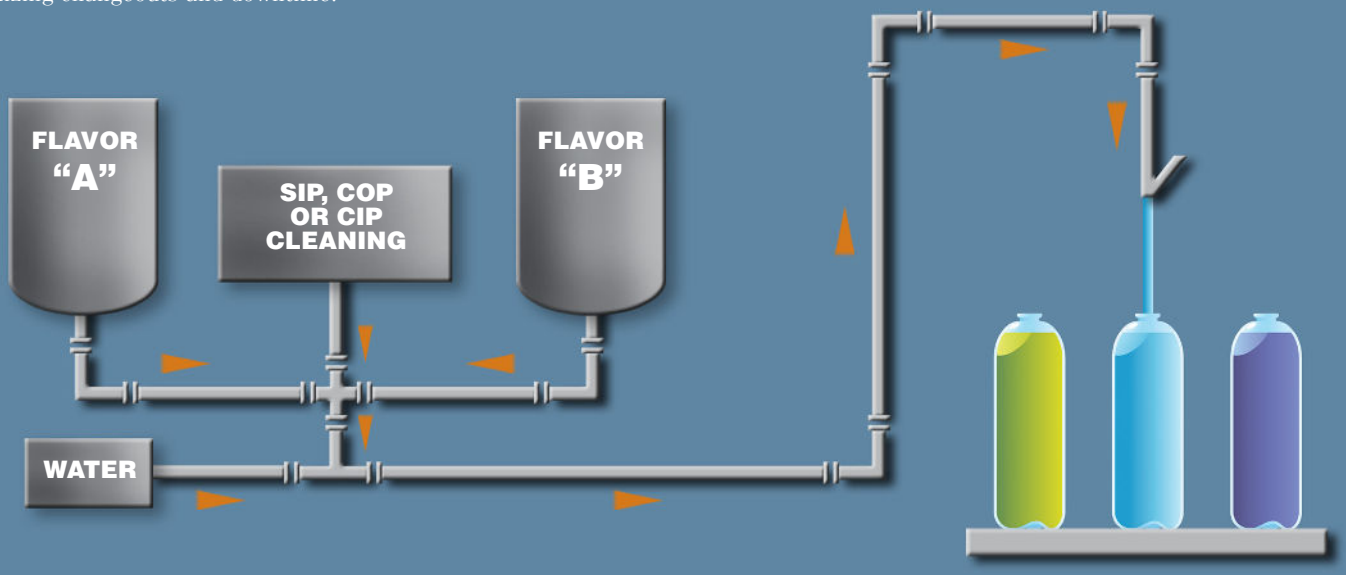
Flavor Change



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 absorbtion		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

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