

## **COLOR Coded Smooth Transition Gaskets that Grip!!!**

### ColorGrip™ Features

- 8 **COLORS** available for process segregation and preventative maintenance
- Gripping design for hands free assembly and proper alignment
- Compression stop for extended service life
- Seamless pipe transition
- ASME BPE-2005 compliant
- FDA listed materials
- USP <87> & <88> ClassVI Tested
- ISO 10993 compliant

### Elast-O-Pure EP75 Black™ Benefits

- Developed for critical bioprocess applications
- 4X lower compression set
- 80% reduction in TOC extractables
- Excellent release properties after thermal cycling
- Resistant to CIP & WFI
- Exceptional SIP & autoclave performance
- Animal derived component free
- Fully traceable manufacturing process

*ColorGrip™ combines the ultimate in mechanical design with Elast-O-Pure, the ideal EPDM elastomer, resulting in the most reliable sanitary gasket available for critical bioprocessing applications.*

*Proper alignment is the first step in creating a proper seal. The ColorGrip™ locator ring solves common installation problems by aligning the gasket on the ferrule face. Gripping fingers hold the gasket in place freeing up hands for assembly of the clamp.*

*The locator ring is available in a variety of color options to provide external identification. Color coding can be easily used to segregate process fluids or to simplify preventative maintenance replacements.*

*Elast-O-Pure EP75 Black™ was developed by James Walker® to provide unparalleled sealing performance in critical bioprocess applications. Improved compression set and excellent resistance to SIP processes and CIP chemicals provides predictable, extended service life. EP75 also exhibits excellent release properties, providing clean and easy gasket removal even after SIP. In addition, this improved formulation of EPDM has been developed to provide extremely low TOC extractables to protect the integrity of your process fluids.*

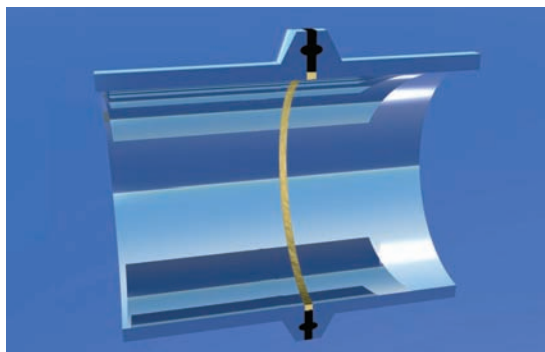
## Why is a Smooth Transition Critical?



**Elastomeric Intrusion into Process Stream**

***Intrusion into the process stream creates damming and exposes the gasket to excessive shear.***

- Drainage and Cleanability are compromised
- Excess Product Hold Up
- Accelerated Elastomer Failure due to increased contact area with aggressive CIP chemicals
- Shearing of Elastomer Particulates increases risk of contamination of the Process Stream.



**Elastomeric Recession at the Clamp Union**

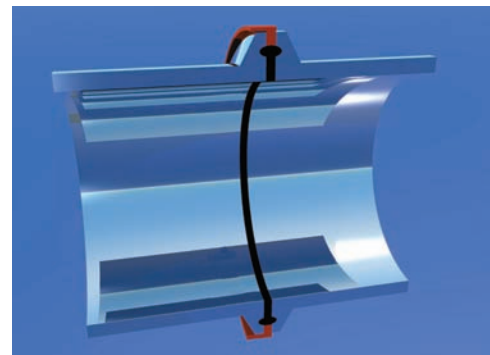
***Recession areas caused by oversized or undertightened gaskets provide an entrapment area at the clamp union.***

- Drainage and Cleanability are compromised
- Crevice creates a Microbial trap
- Excess Product Hold Up

## ColorGrip™ with Elast-O-Pure EP75 Black™

### ***ColorGrip™ creates a perfect smooth inner diameter***

The improved performance of Elast-O-Pure EP75 Black™ and the mechanical compression stop of the locator ring eliminates elastomeric intrusion into the fluid stream. By providing a smoothbore seal, the risk of contamination is reduced since the piping system can be efficiently sanitized through CIP or SIP methods. The elimination of elastomeric intrusion also decreases the contact with the fluid greatly extending the gasket's service life and reducing the risk of particulate contamination.



**ColorGrip™ Provides an Ideal Smooth Transition**

### **About James Walker...**

James Walker is a global organization with over 125 years experience in high performance sealing applications. Their highly skilled staff develops specialty elastomers using the most advanced engineering tools and analytical methods available. All critical manufacturing steps, from compounding to final article production, are controlled in-house to the highest quality standards. This focus on manufacturing control enables James Walker to consistently deliver superior, fully traceable products that perform in the most challenging applications.

How To Order					
Series	Material	Color		Size	
CG = ColorGrip™	EP75B	P=purple	G=gray	050 = ½"	150 = 1
		B=blue	O=orange	075 = ¾"	200 = 2"
		W=white	Y=yellow		
		N=green	R=red	100 = 1"	
Example: 2" Green ColorGrip™ in EPDM = CG-EP75B-N-200					



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