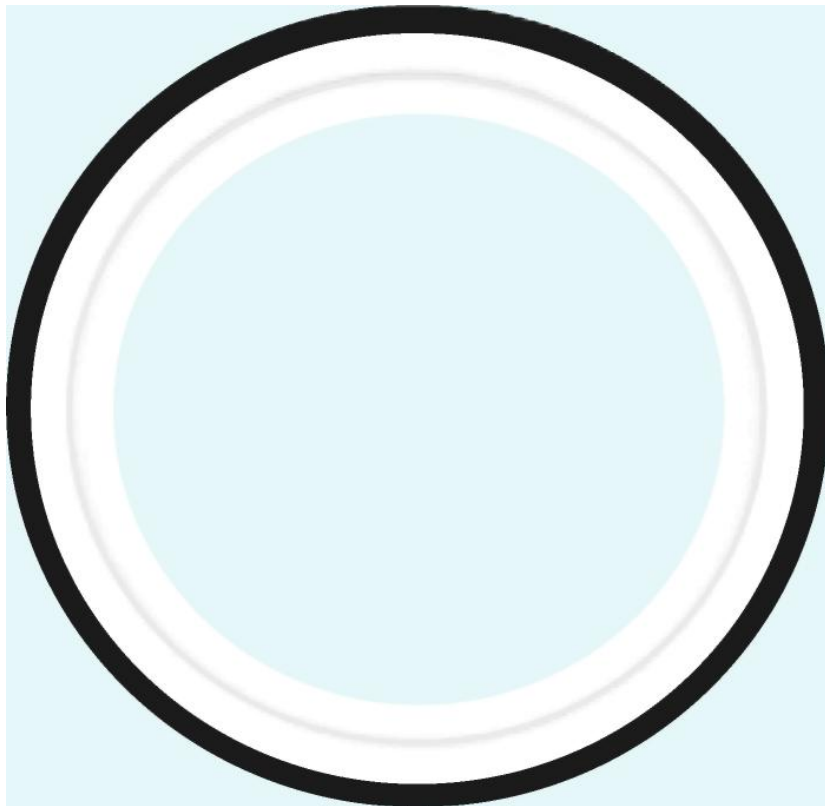




## POLIYFLEX

CSKBIO's PolyFlex is a bonded Teflon® Gasket which features a contact Teflon® surface with the compressibility and memory of an elastomer.





## Use PolyFlex for:

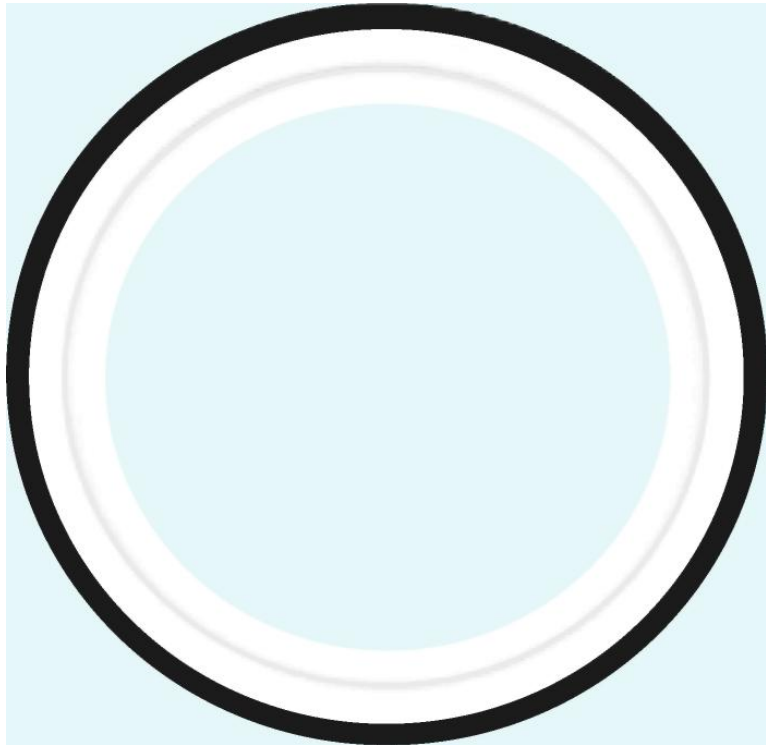
Better sealability than any other PTFE type of clamp gasket.

Outstanding chemical compatibility.

A flexible seal with minimized extractables or TOC's.

Extended resistance to SIP cycles.

Maximum cleanability with CIP processes.



We provide molded and machined Dupont 8B Teflon®. Then we create a superstructure by bonding our pedigree EPDM polymer inside to create a flexible gasket that fits inside a clamp ferrule. The elastomeric core inside PolyFlex enables the user to clamp down on a ferrule to establish the most superior sealing action realized against a Teflon® surface.

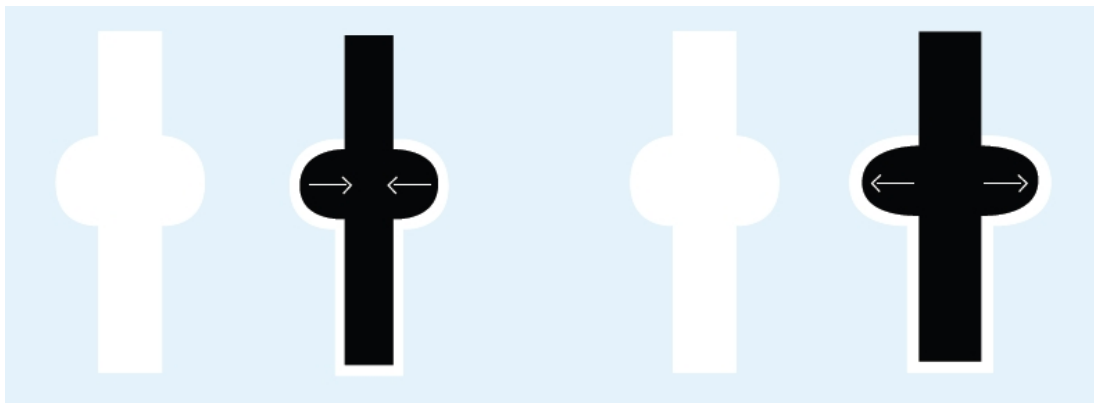
PolyFlex has a memory! By having a thin PTFE wall with a bonded elastomer supporting the gasket geometry, a PolyFlex gasket has the memory of an elastomer. This maintains the seal load on ferrule face resulting in a gasket that does not require repetitive re-torquing. Process up-time is greatly increased and gasket life is markedly

© Teflon is a registered trademark of E. I. du Pont de Nemours and Company



**During Compression**  
PolyFlex achieves better sealing

**After Compression**



Type 1 Teflon

Polyflex

PolyFlex is more compressible under load than solid PTFE and Envelope designs

Teflon® does not rebound after compression. PolyFlex rebounds back to its original size

American made compounds with complete traceability provides peace of mind. We use the same Dupont 8B Teflon® that we use to produce our solid Teflon® gaskets and we combine that with our fine pedigree USP Class VI and FDA compliant EPDM to construct PolyFlex. We can also use Dupont's genuine Viton® A or Viton® GF-600S compounds for our superstructure to improve upon your chemical compatibility where necessary. PolyFlex comes standard with EPDM bonded inside.

PolyFlex may be the only American made, Teflon® bonded with an elastomer gasket, however, that doesn't mean that it's cost prohibitive. In fact, CSKBIO has developed the technology to mold PolyFlex more efficiently than ever. Our production efficiency allows us to deliver a finished product at the most competitive pricing ever.

CSK-BIO

Internet: [www.cskbio.com](http://www.cskbio.com)

Email: [sales@cskbio.com](mailto:sales@cskbio.com)



## Gasket Sizes:



1/2"

3/4"

1"

1.5"

2"

2.5"

3"

**PolyFlex Gasket Part Numbers:**  
PolyFlex Gaskets start with "CSKB40MP GR"

### Material Code

E EPDM  
V VITON  
VGF VITON GF-600S

### Gasket Sizes

050 1/2"  
075 3/4"  
100 1"  
150 1.5"  
200 2"  
250 2.5"  
300 3"

**Example:**  
CSKB40MP GR E-050  
= 1/2" PolyFlex Gasket with EPDM

