

## Cam and Groove Gaskets



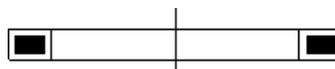
NOTE: White neoprene and white Buna N gaskets contain all FDA approved materials.

		Buna-N	Viton®-A	Extra Thick Buna N	Ethylene Propylene	Neoprene	White Neoprene	White Buna N	Silicone
Part #	Size	- BU	- VI	THK	- EPR	- NE	- WNE	- WB	- SIL
50-G	1/2								
75-G	3/4								
100-G	1								
125-G	1-1/4								
150-G	1-1/2								
200-G	2								
250-G	2-1/2								
300-G	3								
400-G	4								
500-G	5								
600-G	6								
800-G	8								

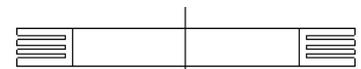
## Cam and Groove Gaskets



ENVELOPE GASKET



ENCAPSULATED GASKET



ACCORDION GASKET

		ENVELOPE GASKETS				ENCAPSULATED GASKETS		ACCORDION GASKETS
		Teflon® Buna filler	Teflon® Viton® filler	Teflon® White Buna filler	Teflon® Ethylene Propylene filler	Teflon® Encapsulated Silicone	Teflon® Encapsulated Viton®	Teflon® Accordion
Part #	Size	- TF	- TFVI	TFWB	TFEP	- TES	- TEV	TFACC
50-G	1/2							
75-G	3/4							
100-G	1							
125-G	1-1/4							
150-G	1-1/2							
200-G	2							
250-G	2-1/2							
300-G	3							
400-G	4							
500-G	5							
600-G	6							

- Teflon® White Buna Filler (TFWB) and Teflon® Encapsulated silicone (TES) contain all FDA approved materials.
- Teflon® Accordion gaskets (TFACC) are recommended for use with VISCOUS (thick) FLUIDS ONLY.
- Encapsulated gasket pressure ratings are reduced to 125 PSI for 1/2" - 2 1/2" at ambient temperature (70°F) when these gaskets are used.
- Teflon® Encapsulated Viton® (TEV) gaskets - maximum operating temperature 200°F
- Teflon® Encapsulated silicone gaskets (TES) gaskets - maximum operating temperature 225°F
- Maximum operating temperatures for specific chemicals may be lower. Contact the Dixon Factory for specific recommendations.

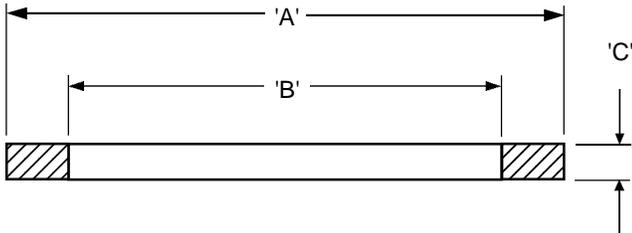


The torque (force) required to close the handles on a pair of cam & groove fittings will vary according to the gasket chosen. Due to the nature of the Teflon® material, the various Teflon® gasket designs will require the most torque, increasing as you go from envelope to encapsulated and finally, accordion.



# Dixon / "Andrews" Cam and Groove Gasket Dimensions

The following are the nominal dimensions for Dixon's elastomeric cam and groove gaskets.



Part #	Size	A OD	B ID	C Thickness *
50-G	1/2" *	1-1/32"	11/16"	.156"
75-G	3/4"	1-3/8"	7/8"	.218"
100-G	1"	1-9/16"	1-1/16"	.250"
125-G	1 1/4"	1-15/16"	1-23/64"	.250"
150-G	1 1/2"	2-3/16"	1-5/8"	.250"
200-G	2"	2-5/8"	2"	.250"
250-G	2 1/2"	3-1/8"	2-3/8"	.250"
300-G	3"	3-23/32"	3"	.250"
400-G	4"	4-7/8"	4"	.250"
500-G	5"	5-15/16"	4-7/8"	.250"
600-G	6"	7-1/16"	6"	.250"
800-G	8" *	9-5/16"		.343"

The ID's of the Teflon® Envelope gaskets and the Teflon® Accordion gaskets are **1/16" smaller** than the ID's for the Elastomeric gaskets shown above.

\* Thicknesses of Teflon® Accordion gaskets may vary from chart above.

\* No interchange standard exists for the 1/2" and 8" fittings. Generally, these sizes do not interchange with other manufacturer's products. As such, the gaskets in these sizes are not suitable for use in other manufacturers' couplings.

**SAFETY**  
**ALERT**

# Dixon / "Andrews" Cam and Groove Gasket Color Codes

Gasket Code	Gasket Material	Material Color	Color code stripes (appear on the O.D. of the gasket or filler)
-BU	Buna N (standard in all metal fittings)	Black	1 Blue
-VI	Viton®	Black	1 Yellow
-THK	Extra Thick Buna	Black	2 Blue
-EPR	Ethylene Propylene	Black	1 White
-NE	Neoprene	Black	1 Red
-WNE	White Neoprene - FDA approved material	White	None
-WB	White Buna N - FDA approved material	White	Blue
-SIL	Silicone	Red	None
-TF	Teflon® (TFE) Envelope with Buna N Filler	White / Black	1 Blue
TFVI	Teflon® (TFE) Envelope with Viton® Filler	White / Black	1 Yellow
TFWB	Teflon® (TFE) Envelope with White Buna N Filler. FDA approved materials	White / White	Blue
TFEP	Teflon® (TFE) Envelope with Ethylene Propylene Filler	White / Black	1 White Stripe
-TES	Teflon® (FEP) Encapsulated Silicone Core. FDA approved materials	Translucent / Red	None
-TEV	Teflon® (FEP) Encapsulated Viton® Core	Translucent / Black	None
TFACC	Teflon® (TFE) Accordion. FDA approved materials	White	None

Since other manufacturers coding systems vary, **this chart should not be used as a reference in identifying gaskets of unknown origin.**

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