

## TEFLAT™/BLACKFLAT™ Gaskets



TEFLAT™/BLACKFLAT™ gaskets provide many advantages when compared to conventional sealing materials for knife-edge flanges:

- Require much less force than copper, significantly reducing assembly time (and saving knuckles!).
- May be used with aluminum (or stainless steel) flanges and ports.
- Unlike copper gaskets, Teflon® gaskets are reusable, if not removed from flange.
- Unlike copper gaskets, Teflon® gaskets do not tarnish with exposure to air.
- Unlike copper gaskets or o-rings, Teflon® does not react with most chemicals.
- Avoids the use of grease often necessary to keep thin section o-rings registered in place during assembly, particularly for a vertical flange orientation.
- Minimizes contamination of vacuum systems, particularly important for coating applications, high purity analyses and ultra-high vacuum applications.
- Unlike thin section o-rings, rigid Teflon® gaskets self-locate against the flange lip to provide a clear confirmation of a correct seal, preventing leaks and extruded o-rings.
- Less expensive than rectangular section o-rings.

### Sizes and Pricing

Flange outer diam.	Gasket outer diam.	Knife-edge diameter	Gasket inner diam.	TEFLAT™ (white)	BLACKFLAT™ (black)
				100 count	100 count
1.33"	0.820/0.835"	0.75"	0.62"	\$285	Upon Request
2.75"	1.875/1.890"	1.62"	1.50"	Upon Request	Upon Request
4.50"	3.230/3.245"	3.04"	2.75"	\$595	Upon Request
6.00"	4.730/4.745"	4.54"	4.00"	\$805	\$970
8.00"	6.730/6.745"	6.54"	6.00"	\$1090	Upon Request
				80 count	
10.00"	8.730/8.745"	8.54"	8.00"	\$1090	Upon Request

Note: Optional black color (model BLACKFLAT™) has carbon added to provide an opaque gasket for applications in which a completely light-tight seal is required, as some light which enters through the leak-check slots in knife-edge flanges will transmissively scatter through the white gasket.

TEFLAT™ and BLACKFLAT™ are trademarks of Hettrick Scientific.

Teflon® is a registered trademark of DuPont.