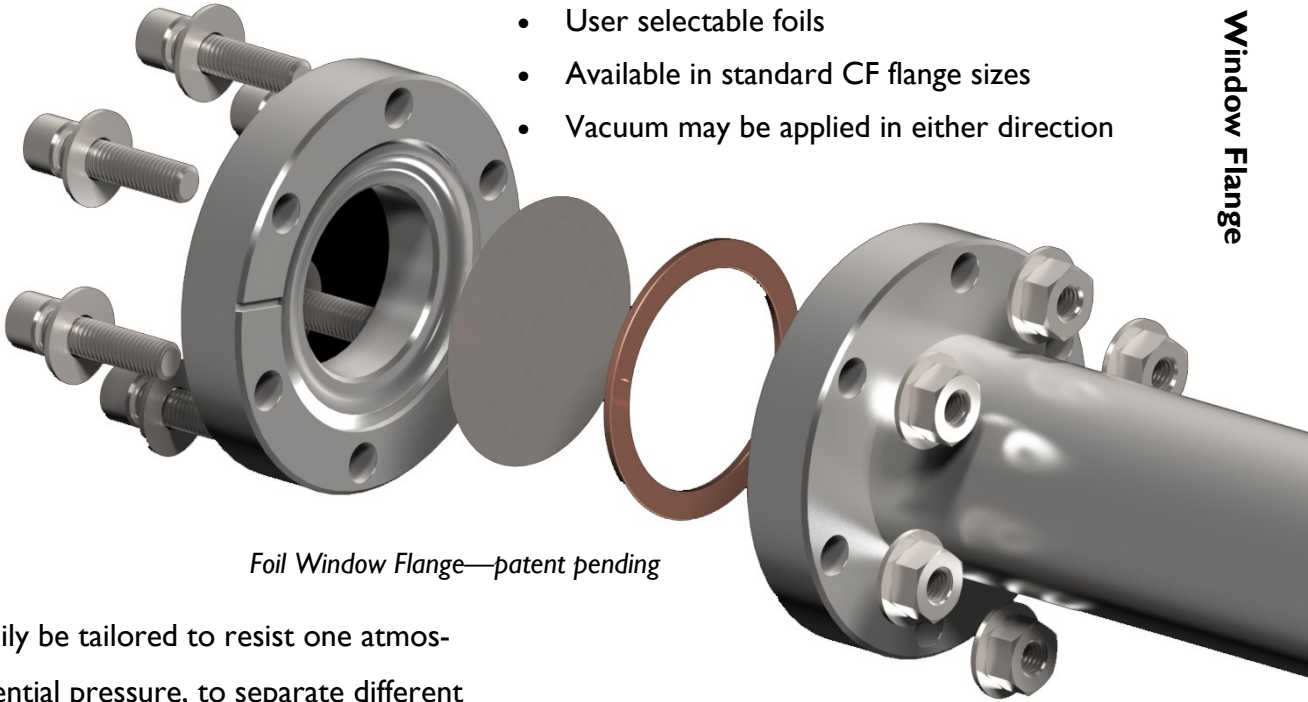


## Quick and Affordable Replacement

The Atlas Foil Window Flange supports a low cost, replaceable and very thin (.002") foil window or membrane trapped between the foil window flange and a copper gasket.

## Features

- Quick and inexpensive replacement on site
- Eliminates the need for a fixed brazed assembly
- Retrofits with standard CF flanges
- Excellent alternative to beryllium
- Transmission efficiencies determined by user
- User selectable foils
- Available in standard CF flange sizes
- Vacuum may be applied in either direction



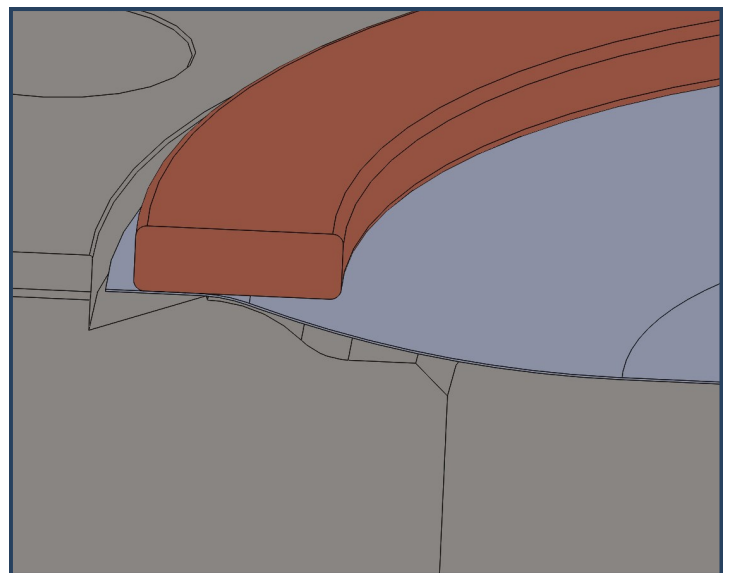
Atlas Foil Window Flange

## Foils

*Foil Window Flange—patent pending*

Foils can easily be tailored to resist one atmosphere differential pressure, to separate different vacuum regimes (i.e. Extreme High Vacuum XHV from High Vacuum HV), or to meet specific window needs. They can be micro machined and micro perforated with optical features to meet specific demands.

Brazed windows discourage achieving minimum thicknesses because of the risk and cost of trial and error. Unlike brazed windows, the foil window flange enables users to determine minimum thickness through experimentation inexpensively.



*Cross section of Foil Seal Flange and foil under vacuum*

**Our growing list of customers taking advantage of the foil window flange include CERN and Notre Dame**