

VACUUM / PRESSURE MICROWAVE WINDOW



Separates environments that differ in pressure, atmospheric composition, or chemical aggressiveness.

Enables the transmission of microwaves into the process chamber.

Additional external gaskets ensure a hermetic seal with other components of the microwave transmission line.

Used in plasma systems, vacuum dryers, chemical reactors, and chambers with a modified atmosphere.

Technical specifications:

manufacturing standard	- WR340, WR430 or per user requirements
flange material	- aluminum EN AW-6082 or stainless steel AISI 304/316
window material	- quartz glass or per user requirements
gasket material	- Viton (fluoroelastomer)
operating pressure	- 10^{-3} mbar to 2 bar (tested 10^{-6} mbar to 3 bar)
operating temperature	- $-30 \dots +150$ °C
microwave power	- max. 6 kW CW

Source of information: [Product page](#)