

RIGID WAVEGUIDE



Waveguides are available in standard versions as well as for use in vacuum systems.

Manufactured according to WR340 or WR430 standards, with customizable section lengths ranging from 0,1 to 1,0 meters, with any required precision.

The waveguide is terminated with precisely milled and ground flanges. The flange surface can be flat, equipped with gaskets, or prepared according to the user's specifications.

Gaskets protect the waveguide interior from dust or ensure a hermetic seal with other vacuum components.

Waveguides are used in industrial systems, research equipment, dryers, reactors, and other technological setups.

Technical specifications:

manufacturing standard	- WR340, WR430 or per user requirements
waveguide material	- aluminum AW 6061, AW-6082 or stainless steel 304/316
flange material	- aluminum AW-6082 or stainless steel 304/316
window material	- quartz glass or per user requirements
gasket material	- Viton (fluoroelastomer)
operating pressure	- $10^{-3} \dots 10^2$ bar (tested $10^{-6} \dots 10^3$ bar)
operating temperature	- $-30 \dots +150$ °C

Source of information: [Product page](#)