

Parameters and Questions to Consider

The table below shows per subject a couple of parameters and questions to consider before choosing a sealing solution.

Note that these are not all possible parameters or questions but a selection of the most common and important parameters and questions.

Subject	Parameters	Questions to be considered
Seal Type	Semi dynamic (C(S)A, Commaseal®) or static (all other seal types)	
Material Grades (seal)		Which material is compatible / incompatible?
Application Data	Medium to seal	Liquid / gaseous, viscosity,...
	Temperature	Cryogenic, high temperature, cycles
	Pressure	UHV, high pressure, cycles
	Leak rate	Measured at: <ul style="list-style-type: none">- Standard conditions: T° ambient/ΔP 1 bar/He- Process conditions
Flanges / Bolting	Type of flange	<ul style="list-style-type: none">- Material grade- Surface finish
	Bolts / clamps	<ul style="list-style-type: none">- Material grade- Number and dimensions- Max Bolt load / available force
	Movement / displacement of the Flanges	Axial and / or radial displacement (Useful spring back of seal)