Inlet Seal (Rotary Kiln)

**ADVANTAGES**

- Perfect contact between rotating and fixed flange
- Exact absorption of the three movements
- 5-ply membrane of different materials instead of a gasket
- Less maintenance
- Result: absolutely tight

Excentric, axial and sliding movements of rotary kilns are compensated and thus we can guarantee optimum air-tightness with minimal maintenance.

**How FRIGATE Kiln Inlet Seal compensates the secondary movement of the kiln**

**MECHANICAL REQUIREMENTS.** Seal must withstand:

- Axial shifting
- Excentric shifting
- Pendulum movement

**SEALING PROBLEMS**

- Entering of cold air
- Condensation of volatile matter
- Kiln dust spillage
- Limitation of thermal capacity
- Build-up & coating