

With its 30 years of experience and research, ONIS offers its Fire-Safe design technology. The integrity of the Line blind into the heart of fire is guaranteed.

## FIRE RISKS

In case of fire, the flames temperature can cause serious damages

- Seals destruction
- Thermal expansion of mechanical parts submitted to pressure

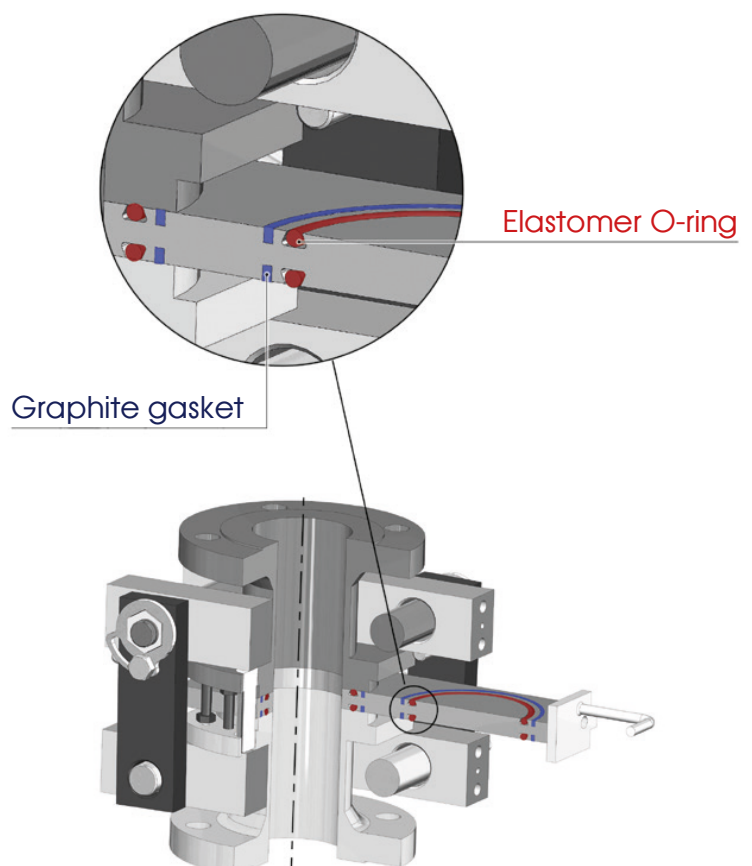
### Consequences:

- Leaks due to the seal's destruction
- Leaks due to the opening of the Line Blind
- Impossibility to operate the Line Blind



## BENEFITS

- Superior mechanical resistance to high temperature flames' constrains
- Seals thermal protection improved: a fire resistant graphite seal that protects the elastomer seal
- Line Blind still operable once fire extinguished
- Same great set-up tightness reachable during and post fire

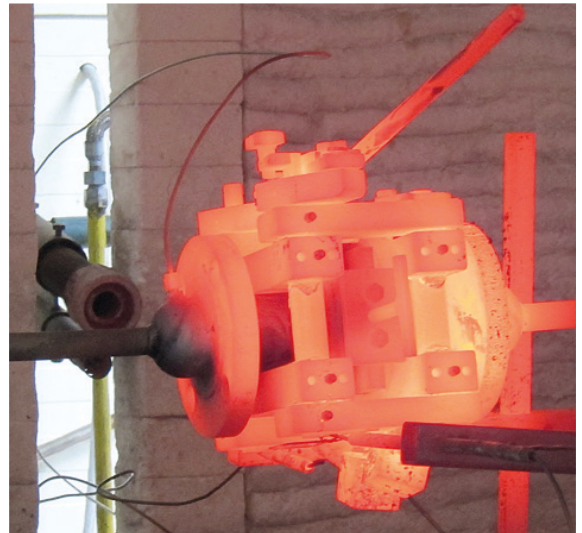
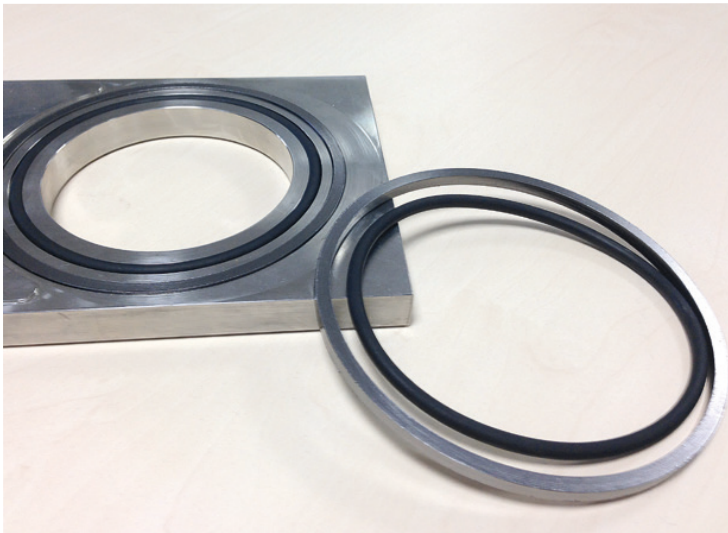


The following Line Blinds are certified to **API-607 sixth edition**:

Seals	T°	Line Blinds sizes	API 607 CERTIFIED RANGE																						
ELASTOMER + GRAPHITE SEALS	Up to 250°C	PN	class	25	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750	850	900	1050	1100
				1"	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	34"	36"	42"	44"
		20	150																						
		40																							
		50	300																						
100	600																								
				<div style="display: flex; justify-content: space-around;"> <span style="color: green;">■</span> Certified range                 <span style="color: gray;">■</span> On request             </div>																					

Seals	T°	Line Blinds sizes	API 607 CERTIFIED RANGE																						
GRAPHITE SEALS (High temperature)	Beyond 250°C	PN	class	25	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750	850	900	1050	1100
				1"	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	34"	36"	42"	44"
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- These tests were carried out using a fire test bench complying with the requirements of ISO 10497: 2010 and API 607 sixth edition, September 2010. Ensures the highest level of security.
- Fire safe tests have been witnessed and certified by SGS.

