



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.



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

Seals destruction

Thermal expansion of mechanical parts submitted to pressure

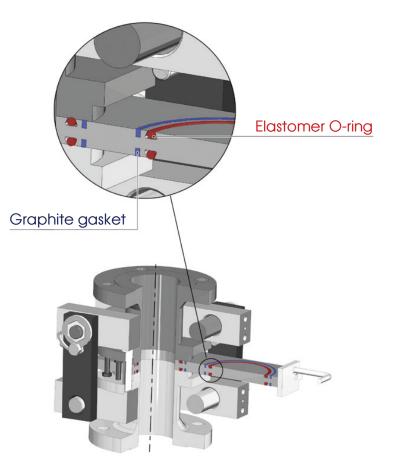
Consequences:

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



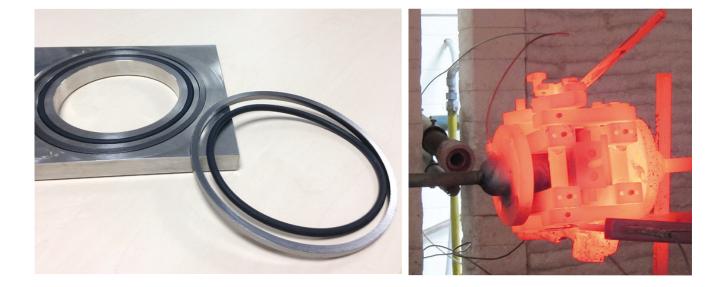


- Superior mechanical resistance to high temperature flames' constrains
- Seals thermal protection improved: a fire resistant graphite seal that protects the elastomer seal
- Line Blind still operable once fire extinguished
- Same great set-up tightness reachable during and post fire



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

Seals	T°	Line Bli	inds sizes								API	60	7 C	ERT	IFIE	DF	RAN	IGE						
ELASTOMER	υ	PN	class	25 1"	50 2"	65 2‴½	80 3″	100 4″	125 5″	150 6"	200 8″	250 10″	300 12″	350 14″	400 16″	450 18″	500 20"	600 24"	650 26"	700 28″	750 30"	850 34"		1100 44"
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SEALS	40 50 100	300 600																						
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Seals	T°	Line Bl	inds sizes							4	API	60	7 C	ERT	IFIE	DF	RAN	IGE						
		Line Bli PN	inds sizes class	25 1″	50 2"	65 2‴½	80 3″	100 4″	125 5″	150 6″	API 200 8″	60 250 10″	7 C 300 12″			D R 450 18″	500 20″	600 24″	650 26″	700 28″	750 30″	850 34"		1100 44″
GRAPHITE SEALS										150	200	250	300	350	400	450	500	600	650					
GRAPHITE	Beyond 250°C	PN	class							150	200	250	300	350	400	450	500	600	650					



- 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.

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