

# KLINGERSafe-loc

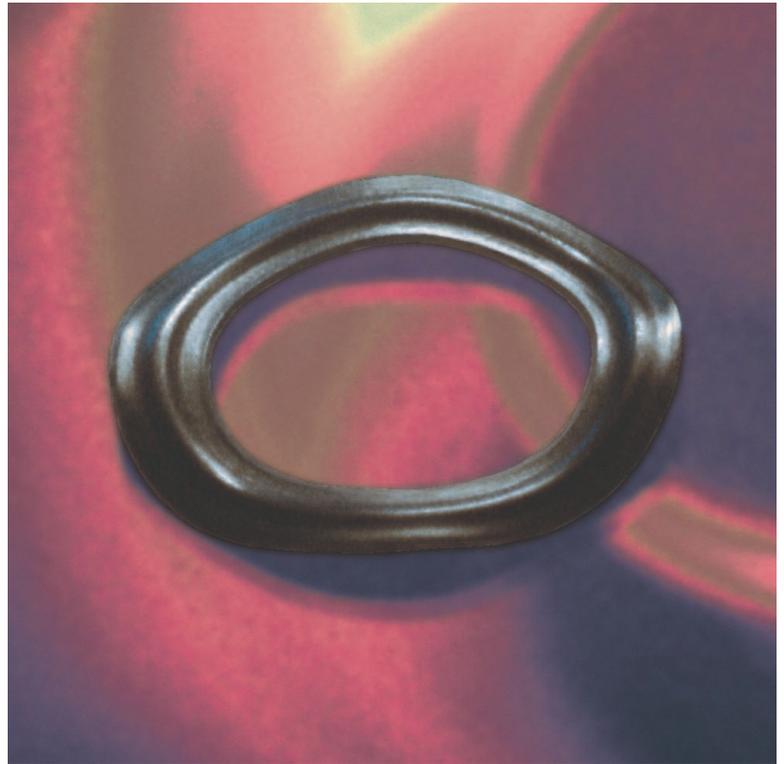
## The safe gasket for screw fitting applications

**KLINGERSafe-loc is the new revolutionary gasket for screw fittings**

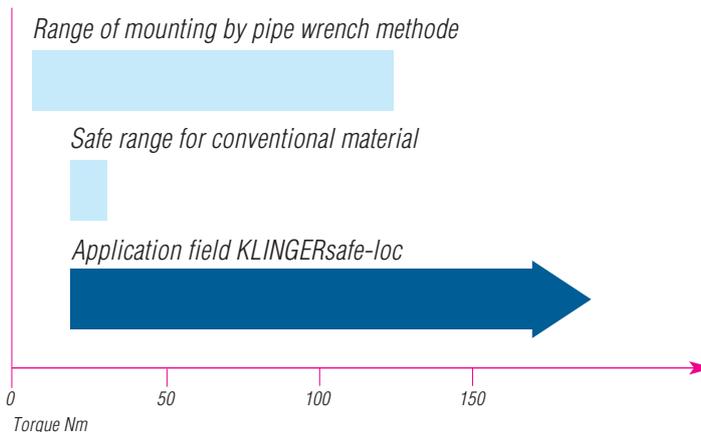
Suitable for screw fitting applications in the heating, climatisation and cooling technologies as well as in the sanitary field. Especially suited to hydraulic and pneumatic applications.

Increasing legislation over the use of asbestos-based products has necessitated the development of safe and reliable gaskets for screw fitting applications. However, asbestos free materials are often unsuited to this type of application because the gaskets tend to be very narrow with a thickness/width ratio of typically between 1/3 and 1/1. This can result in unsafe and unreliable joint.

Comparison of typical application ranges with the range when installing the gasket with a pipe wrench shows that the conventional type of material does not guarantee safe operation.



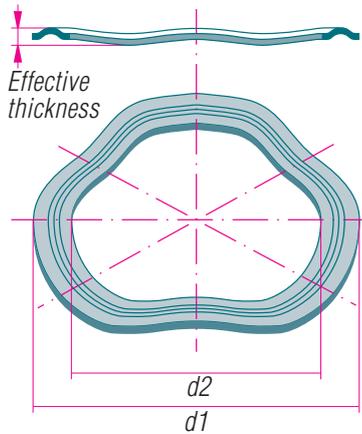
### Typical load range of a screw fitting size 3/4"



### Properties

- Cannot be overloaded
- Tight even at low torque levels
- Does not harden
- No seating
- Allows for adjustment of the screw fittings under preload
- Automatic centring
- Safe installation
- The ideal gasket for fluctuating temperatures
- Service temperature max. 150°C
- KTW approval C 2200/98/st for the standard type made of stainless steel (KLINGERmetal 2540 NE)

**The problems of overloading can be overcome with the KLINGERSafe-loc gasket. Its unique combination of properties ensures safe and reliable performance for screw fitting applications.**

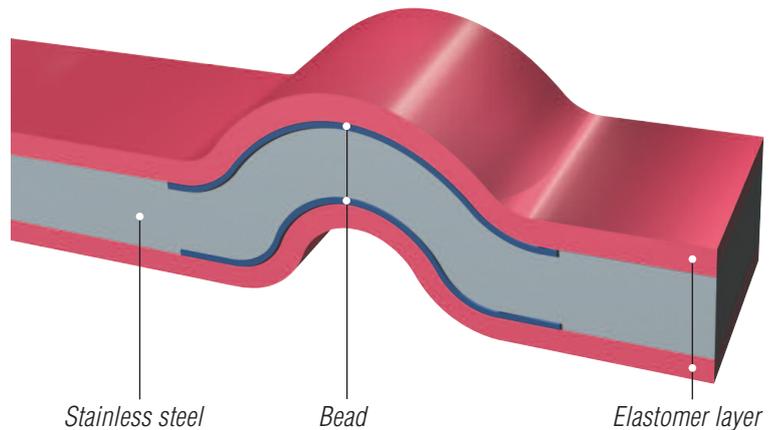


### Sizes

Thread	Sizes [mm]		Width of the gasket	Effective thickness	Order-No.
	d1	d2			
G 3/8"	15.0	9.0	3.00	2.0	615 300 020
G 1/2"	18.5	11.0	3.75	2.0	615 300 015
G 3/4"	24.0	16.0	4.00	2.0	615 300 010
G 1"	30.0	23.0	3.50	2.7	615 300 016
G 1 1/4"	38.5	29.0	4.75	2.7	615 300 017
G 1 1/2"	44.5	32.0	6.25	2.7	615 300 011
G 2"	56.0	42.0	7.00	2.7	615 300 018

### Material Composition

The patent pending KLINGERsafe-loc comprises a special steel sheet coated on both sides with elastomer. This combination allows the shaping of a bead and wave, giving the material its unique properties.



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**Certified according to  
 DIN EN ISO 9001:2008**

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KLINGER GmbH  
 Rich.-Klinger-Straße 37  
 D-65510 Idstein  
 Phone +49 (0) 6126-4016-0  
 Fax +49 (0) 6126-4016-11/-22  
 e-mail: [mail@klinger.de](mailto:mail@klinger.de)  
<http://www.klinger.de>