

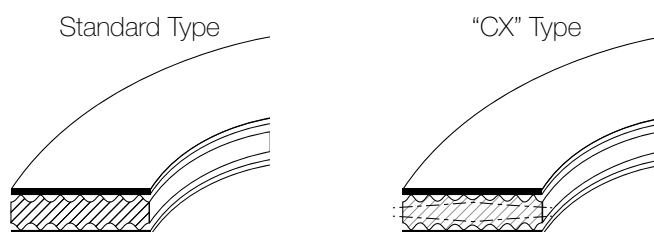
Description:

Gaskets manufactured by metal ring, grooved and subsequently coated with a layer of softer material which guarantees the seal; particularly suitable with hard operating conditions.

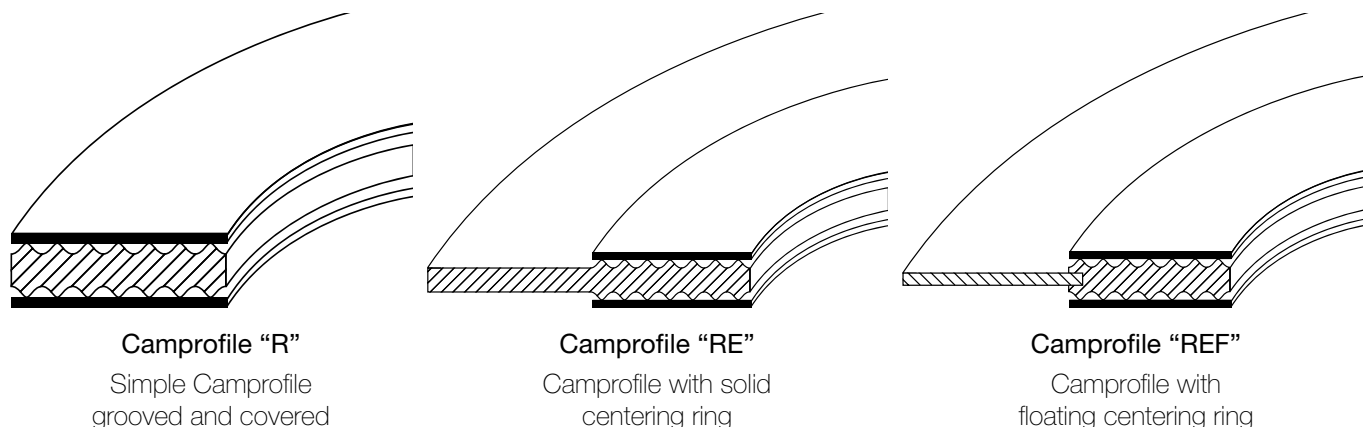
Use of this gasket is recommended where an high torque is requested, to avoid any possible damage of flanges surface the Camprofile gasket could be covered with graphite, PTFE or other layer.

They can be made of any material and size, with diameters from 5 to 5000 mm, with constant pitch and depth (our type Standard) or grooved convex (type "CX").

As all other types our Camprofile Gaskets the metal tips of "CX" type are aligned, while the grooves have variable depth; starting from a minimum depth of 0.2 mm in the middle up to a maximum depth of 0.8 mm on the edge, the grooves depth have a constant increase depending on the size of the sealing surface.



Depending on the requirements of use are divided into three different types, such as:



The CX Type is available for all three types.

CONSTANT TIGHTENING:

Layer Material	σ_{vu} MPa	σ_{vo} MPa	σ_{BO} MPa			Y MPa	m	R_z μm
			150 °C	200 °C	300 °C			
Graphite	15	500	470	450	420	15	2,25	25 ÷ 50
PTFE / ePTFE	30	500	470	450	-	15	2,25	50 ÷ 100
Asbestos Free	50	500	470	450	-	15	3	25 ÷ 50
Al	70	500	470	450	420	61	4	12 ÷ 25
Ag	100	500	470	450	420	69	4,25	12 ÷ 25

TEST & APPROVALS:

- TA Luft VDI 2440

- Fire Safe API 6FB

Since all properties, specifications and application parameters shown throughout this catalogue are approximate and may be mutually influenced, your specific application should not be undertaken without independent study and evaluation for suitability. All technical data and advice given is based on experiences KLINGER Italy has made so far. Failure to select proper sealing products can result in damage and/or personal injury. Properties, specifications and application parameters are subject to change without notice. KLINGER Italy does not undertake any liability of any kind whatsoever. Is not advised the use in the maximum temperature and at the same time with the maximum pressure.