

Description:

Metal jacketed gasket manufactured by an elastic core covered a metal layer; it could be manufactured with different material and shapes, for this reason metal jacketed gaskets are recommended for heat exchangers or when an high compressibility are requested (20-30%). We also manufacture gasket with partition rib.

All metal jacketed gaskets could be supplied covered with graphite layer.



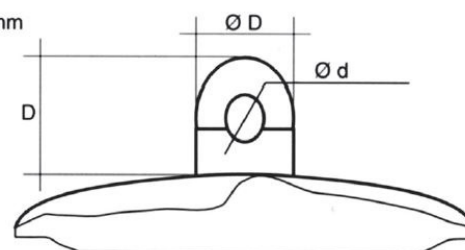
TECHNICAL DATA:

Jacketing thickness	0,5 mm
Filler metal thickness	0,8 mm
Undulation step	4,8 mm
Filler "Y" factor*	62 MPa
Filler "m" factor*	3,75

* The values of "m" and "y" depend on the contact material (metallic or graphite).

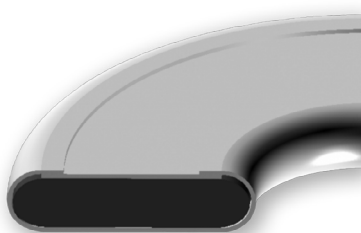
These gaskets can be made with two centering tongues of max thickness of 0.8 mm, arranged at 180° with holes of diameter "d" equal to that of the related flange.

$$D = d + 12,7 \text{ mm}$$



The gaskets of metal can be realized with the following profiles:

MP L - Flat metal jacketed



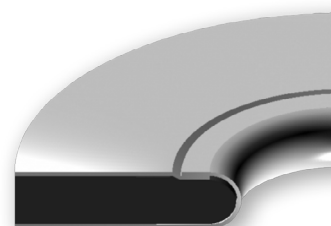
MP S - Flat metal jacketed with overlapped joint



MP O - Corrugated metal jacketed



MP A - Flat metal jacketed open on external diameter



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.