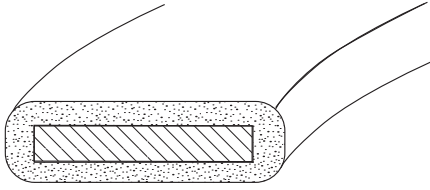


# HWG Hot Blast Gaskets

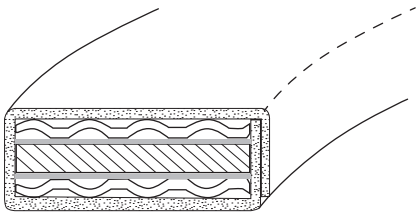


Our consistent quality - your success!

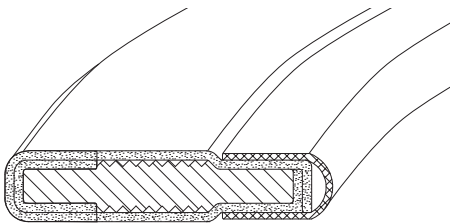
# HWG - gasket profiles



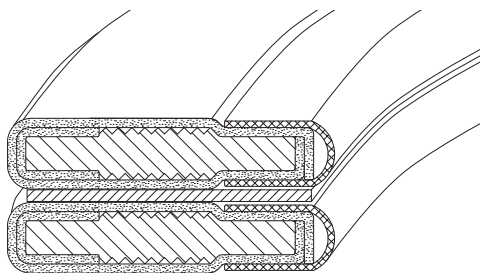
**MMD-HWG-TC**  
with fabric envelope



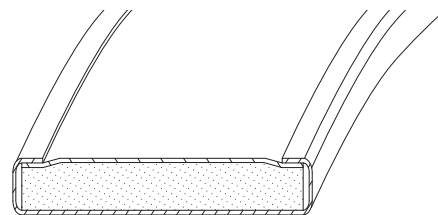
**MMD-HWG-FG-CG-TC**  
Inner steel ring  
2 corrugated gaskets, graphite layer  
enveloped with glass fabric and provided  
with impregnation



**MMD-HWG-GG-TC-IE**  
Cam-profile with fabric envelope and  
inner eyelet



**MMD-HWG-FG-HWG**  
doubled over sheet metal



**MMD-MJG**  
Flat gasket with metal envelope

Hot blast or metallurgical gas lines in steel mills are a particular challenge for sealing technologies. Lined pipelines with low-pressure flanges (PN2.5, PN6, PN10) up to diameters of 3,000 mm and more must be reliably sealed. Hot-blast gaskets must also be very robust so that they can be installed safely during operation in vacuum systems.

Until the nineties, steel rings with asbestos coat/textile cover (HWG-TC) were used. The substitutes ceramic and glass fiber are mechanically not resistant enough to replace asbestos. It is necessary to chamber the substances in the gasket carrier. To obtain reasonably elastic gaskets, graphite on both sides of a steel core and a corrugated ring on each side is applied and finally a fabric mantle is laid around it (HWG-FG-CG-TC).

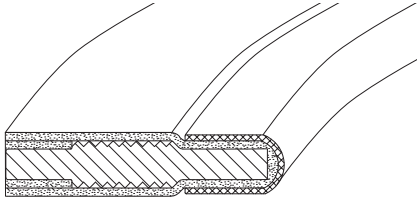
The types with an inner cam-profile are better and denser. To simplify assembly, the fabric support is designed like an envelope and secured internally with a metal flange (HWG-GG-TC-IE). This prevents the fabric from being pushed off/ torn off when the gasket is inserted into the flange gap and pushed over the rough surface of the brick lining. The gaskets are usually impregnated with a graphite elastomer.

For old, deformed flanges, gaskets can be applied on both sides of a steel core (HWG-FG-HWG). A further alternative is the use of corrugated ring gaskets with fabric jacket. These are not so rigid as the cam-profiles. That can be disadvantageous during installation.

MMD-MJG (Metal-Jacketed-Gasket) is a flat gasket (high temperature material) with metal coating, usually stainless steel.

Gaskets with dimensions over 1,500 mm are equipped with a lever tab. Thus the gasket installation is possible with the support of lifting and/or crane technology. The weight of the gasket is marked on the tab.

# HWG - gasket profile - Innovation



MMD-HWG-GG-FG-IE

Due to the requirements for immediate and urgent deliveries we have developed a new version to be able to deliver within 24 hours, if necessary.

In this version we do without fabric and CKP impregnation. The MMD-HWG-GG-FG-IE can be produced more robust and cleaner with this technology. Long drying times for impregnation are eliminated.





## Satisfied customers are our incentive!

We achieve this, because we are committed to the needs of our consumers, we listen to them and produce exactly the metal gaskets that exactly meet their requirements for pressure, temperature and medium resistance.

## Your advantages

- most modern production technologies
- every gasket tested and certified
- technical consulting and training
- all orders shipped within 24 hours
- fast assembly due to high fitting accuracy
- All gaskets are guaranteed Made in Germany!

## Use our ...

- experience
- technologies
- designs and calculations
- trainings
- cooperation partners



**Möller-Metalldichtungen GmbH** | Brunnenweg 10 | 39444 Hecklingen  
phone: +49 3925 37890-0 | fax: +49 3925 930037  
e-mail: [moeller@moeller-md.de](mailto:moeller@moeller-md.de) | [www.moeller-md.de](http://www.moeller-md.de)