

# MOR PTFE Envelope Gasket

These gaskets are composite gaskets consisting of an insert (core) encased in an PTFE Envelope. Generally core material can be either Non-Asbestos or Rubber.

PTFE can be used for aggressive & toxic fluids. PTFE can be attacked by molten alkali metals & certain fluorine compounds at elevated temperature and pressure.

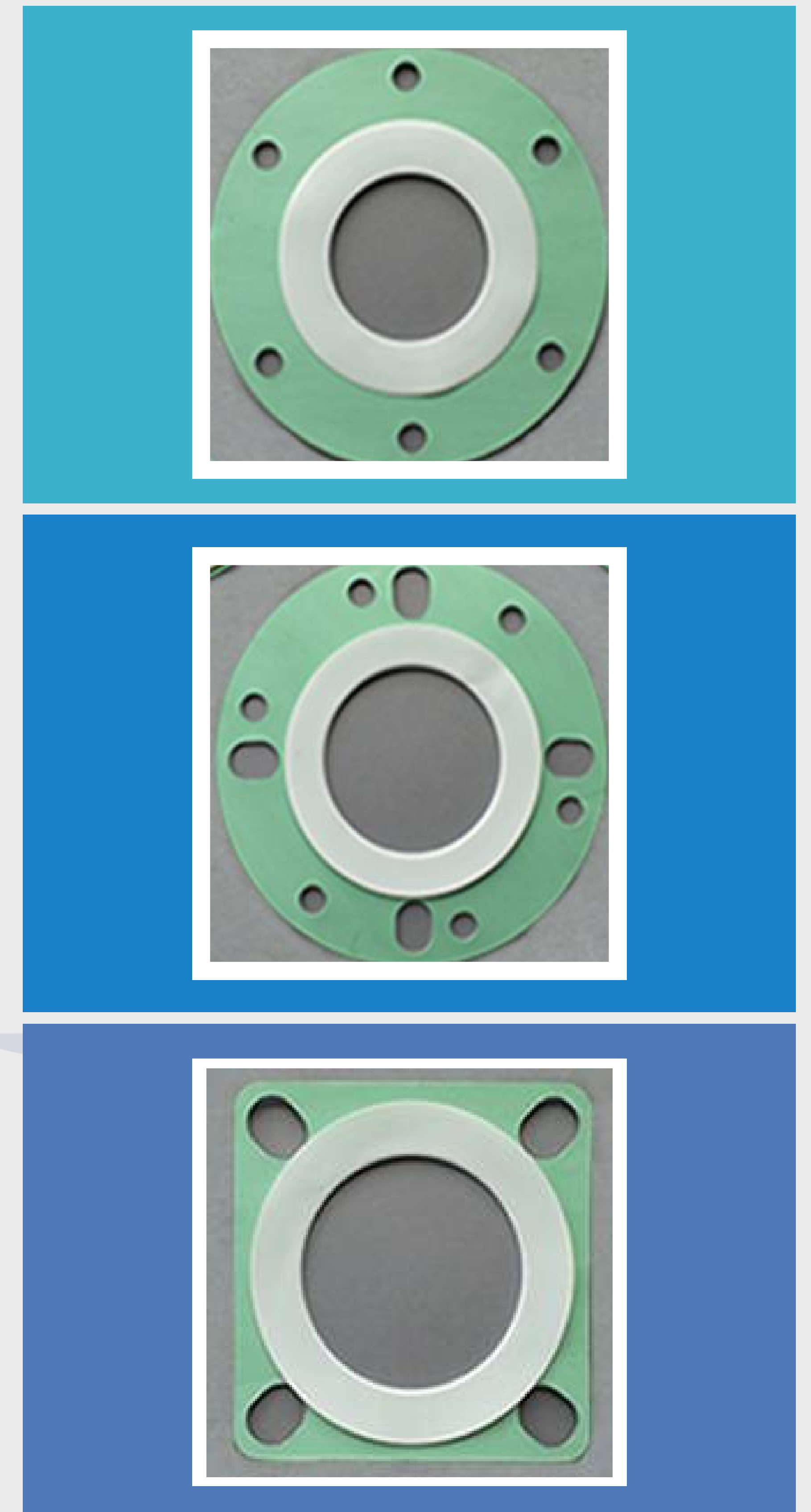
PTFE tends to creep under load which limits the gaskets made from sheet which can be overcome by the use of an envelope over the core.

The envelope covers the complete core in case of Raised Face (RF) gaskets and in Full Face (FF) the envelope is until inside the bolt circle and the core shall be FF.

These gaskets have chemical resistance of PTFE and strength & resilience of the core material.

The envelopes are made from dense and superior quality of PTFE to achieve optimum mechanical properties.

These gaskets are ideal solutions for applications demanding virtually 100% chemical resistance and where the mechanical properties of a gasket material is also required.



## APPLICATIONS

- Food
- Process Industry

## TECHNICAL DATA

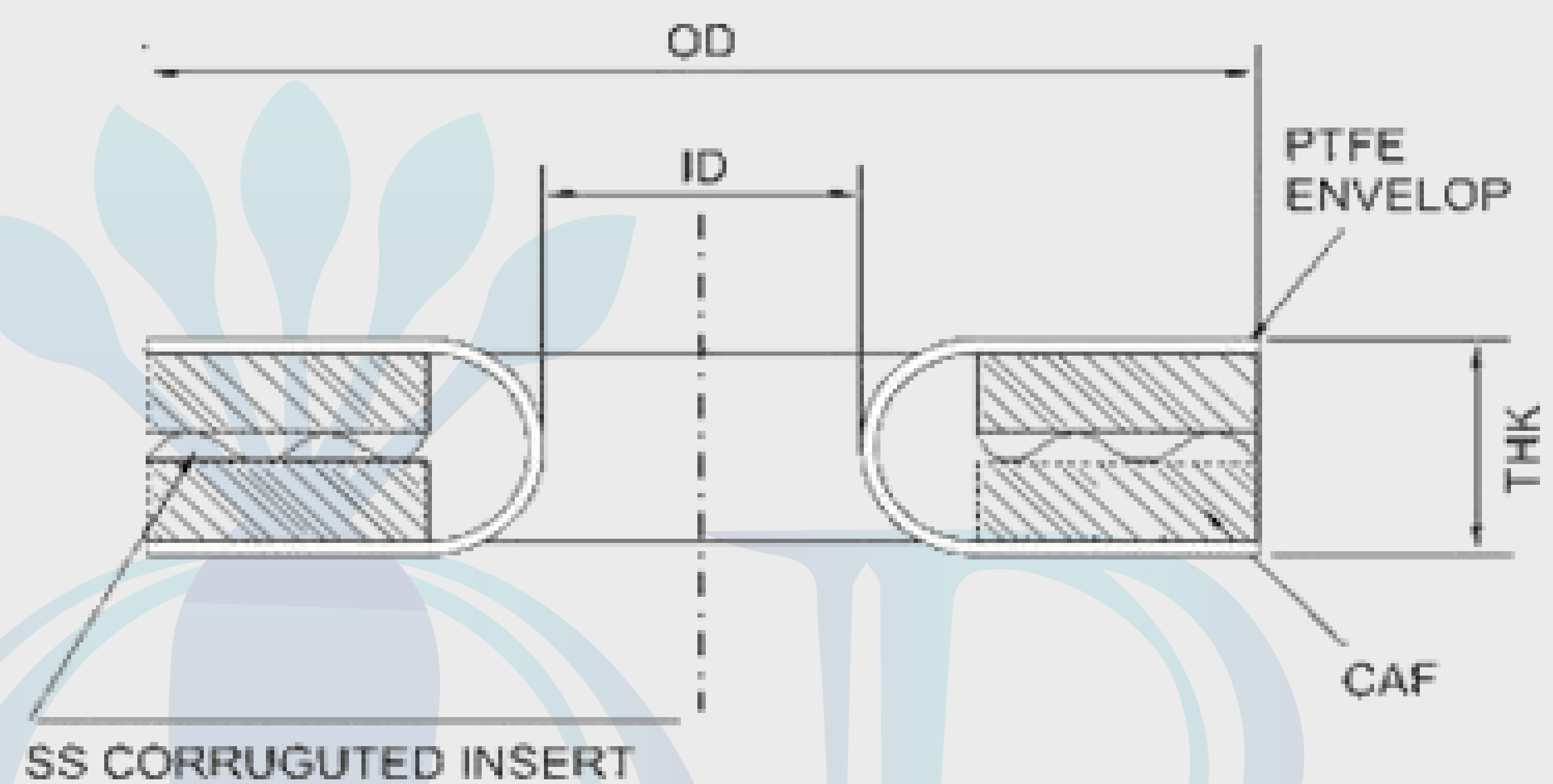
- Virtually 100% chemically resistant, pH range: 0-14
- Temperature range -200°C to +250°C (dependant on core material)
- Mechanical strength dependent on core selection
- Pressure range up to 20 bar or 150# & 300#

PROFILES / TYPES

These gaskets are available in a wide variety of profiles/types:



- Y or V or Slit Type Profile - An economical solution for lower pressure applications and most widely used type. Maximum thickness possible is 3mm with core.
- U or C or Milled Type Profile - for use with medium and higher pressure. Any thickness possible.
- The insert normally consists of a corrugated stainless steel ring with a CNAF gasket on both sides. Overall thickness can be depending to suit the particular application. Generally used for glass lined flanges.



AVAILABILITY

- MOR PTFE Envelope Gaskets are available to suit all standard DIN and ASME flange sizes.
- It can be custom made also.